

# Phase I Environmental Site Assessment

ACRES ID#: 234950

Parcel ID#: 2900174016021000

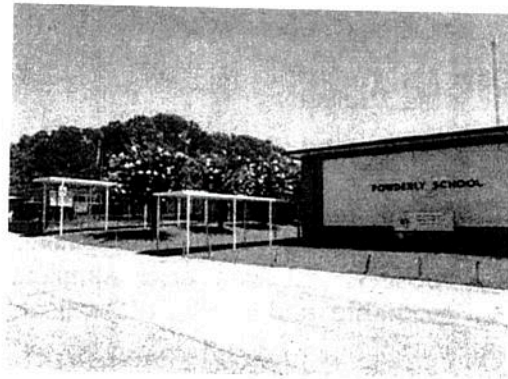
Powderly Elementary School

1901 20<sup>th</sup> Street SW

Birmingham, AL 35211

October 4, 2017

BFA Project No. 2016-26



Prepared for:  
City of Birmingham EPA Brownfields Assessment Grant  
Birmingham, Alabama

Prepared by:  
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October 4, 2017

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Re: Phase I Environmental Site Assessment  
City of Birmingham EPA Brownfields Assessment Grant  
Powderly Elementary School  
1901 20<sup>th</sup> Street SW, Birmingham, AL 35211 (BFA No.2016-26)  
EPA Cooperative Agreement BF-00D45616

Dear Ms. Walker:

Barnes, Ferland and Associates, Inc. (BFA Environmental) in collaboration with Neel-Shaffer is pleased to submit the enclosed Phase I Environmental Site Assessment (ESA) report for the above-referenced site. This assessment was performed on behalf of the City of Birmingham. The assessment was also completed in accordance with the Agreement between BFA Environmental and the City of Birmingham, dated August 31, 2016.

This project is funded by the U.S. Environmental Protection Agency, Region 4 (EPA) through their Brownfields Assessment Grant Program (EPA Cooperative Agreement BF-00D45616). Services are conducted as part of Task 2 in the Work Plan negotiated between client and EPA, ASTM E-1527-13, Standard Practice for Environmental Site Assessments, and 40 CFR Part 312 All Appropriate Inquiries.

We appreciate the opportunity to be of service to you on this project. If there are any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us. Sincerely,

**Barnes, Ferland and Associates, Inc.**



Patrick Barnes Jr.  
Scientist



Patrick A. Barnes, P.G.  
Project Manager/Environmental Professional



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## **APPENDICES/ATTACHMENTS**

AAI Checklist

APPENDIX A	Topographic Maps
APPENDIX B	Description of Terms and Acronyms
APPENDIX C	Historical Documentation and User Questionnaire
APPENDIX D	Environmental Database Information
APPENDIX E	Site Photographs
APPENDIX F	Credentials

## EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (ESA) was performed in accordance with the Agreement between BFA Environmental and the City of Birmingham, within the scope and limitations of ASTM Practice E 1527-13 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process," and 40 CFR Part 312 "All Appropriate Inquiry" for the property located at 1901 20<sup>th</sup> Street SW, Birmingham, AL 35211. The property is a 12.5-acre parcel identified by Jefferson County Property Appraiser Parcel Identification Number 2900174016021000.

The City of Birmingham site assessment project is funded under U.S. Environmental Protection Agency, Region 4 (EPA) Brownfields Assessment Agreement BF-00D45616. Services are conducted as part of Task 2 of the Work Plan negotiated between client and EPA.

The ESA was conducted under the supervision or responsible charge of Mr. Patrick A. Barnes, P.G., Environmental Professional. Mr. Patrick Barnes Jr. and Ms. Julie Parrish performed the site reconnaissance on July 31, 2017.

## Findings and Opinions

A summary of findings is provided below. It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

### The Property

The property was identified as a 12.5-acre parcel by records review and site reconnaissance and is owned by 1. The property consists of a large green space surrounded by trees with a stream that runs along part of the southwestern boundary. The main structure on the property is a large building that previously functioned as a school. A mobile unit/trailer and communications tower were located adjacent and on the south side of the property. A sizeable playground with aged equipment was located approximately 200 feet south of the school structure on the property. Recognized environmental conditions (RECs) and items of concern observed during the site visit include:

- Chipped and cracked paint from dated playground structures located on the southwestern part of the property.
- Peeling paint found in multiple classrooms and ceilings and floors with possible asbestos containing materials that may pose a risk.
- Transformers are positioned on a power pole north of the school building that could contain or may have previously contained and released PCBs.





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- The presence of a communications tower that could have previously utilized a diesel or gasoline generator or nickel-cadmium batteries with potential for release if it wasn't properly maintained.

Adjoining Properties

Aside from the railroad tracks that trend diagonally east to south adjacent to the perimeter of the property, the land use around the property is primarily residential with some small commercial buildings to the north and west. Railroad tracks are present on the properties to the north and east. Recognized environmental conditions (RECs) observed during the site visit include:

- The aforementioned railroad tracks located on adjacent properties along the east and south perimeter of the property are a concern due to potential unknown hazardous materials which may have been released during transport, contained in railroad ties, or used for dust and weed control along the railroad tracks. Potential contamination impacts, from these releases may have accumulated on the property over time.

Records Review

Selected federal and state environmental regulatory databases as well as responses from state and local regulatory agencies and files from the Environmental Protection Agency were reviewed in compliance with the ASTM standard. Powderly Elementary was listed under the Facility Registry System (FRSAL). Records of other regulated facilities located within the ASTM E 1527-13 Minimum Search Distances were identified. Based on a history of toxic releases, the following industrial sites identified in the Geo Search report are considered RECs in connection with the property:

- A superfund site, Crown Central Petroleum Corp at **2400 Nabors Rd** (upgradient, 0.38 miles southwest of the property).
- Records of environmental releases provided by the Jefferson County Emergency Management Agency are provided in Appendix D. RECs (identified based on the extent of the release and their proximity to the property) are highlighted in red in the Appendix and noted in the conclusions section below.
- Large fuel farms located upgradient, within a mile of the property to the southwest. Because of the large concentration of fuel stored in the area and some documented releases in the past, this poses a concern in relation to the property.
- The difference in the structure of the school between the 1959 and 1978 topographic images also suggests a possible razing of a previous section. The 1960 aerial photos also note the presence of a small building to the south of the main school structure. The presence of septic tanks along with other de minimis conditions that could still have impacts to the property such as lead in the soil due to the undocumented removal of previous structures and materials disposal.
- Additionally, although the owner stated he was unaware of septic tanks on the property, their potential presence is a concern due to the age of the facility and its previous structures.





## Phase I Environmental Site Assessment

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- Unrecorded and unknown subsurface utilities from previous property uses and structures may also pose possible environmental impacts.

Other non-scope considerations include the possible presence of lead and asbestos in office building materials, lead-based paint contamination in soils near playground structures, and PCBs in the transformer located north of the school building.

## Conclusions

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of Powderly Elementary School at 1901 20<sup>th</sup> Street SW, the property. This assessment has revealed no evidence of recognized environmental conditions in connection with the property except for the following:

- The presence of railroad tracks located adjacent to the east and south perimeter of the property on historical aerial photographs due to potential previous bulk transport, storage, releases, and other uses of hazardous materials onto the property.
- Recorded releases from the aforementioned Crown Central Petroleum Corp site (identified in the GeoSearch report) at **2400 Nabors Rd** 0.38 miles southwest of the property may have potential impacts from fuel products due to its position upgradient of the property.
- The following releases detailed in records from the Jefferson County Emergency Management Agency:

November 2015 release of 1000 gallons of gasoline at **2300 Nabors Rd** (upgradient, 0.4 miles SW of property). Identified as Miller Transporters/Church Transportation and Logistics in the GeoSearch report.

March 1988 release of two 55-gallon hazmat drums at **2345 18th Place** (upgradient, 0.4 miles SE of property).

May 1990 release of unknown quantity of ethanol/diesel at **2551 Balsam Rd** (upgradient, 0.32 miles SE of property).

- The presence of a communications tower (and potential previous tower facility) that may have utilized fuel tanks for power generators or lead or nickel-cadmium batteries and the potential for releases from these sources.
- Large fuel farms located upgradient, within a mile of the property to the southwest. While there was no documented release, because of the large concentration of bulk fuel stored in the area and some documented releases in the past, this poses a concern.

- The difference in the structure of the school between the 1959 and 1978 topographic maps also suggests a possible razing of a previous section of the school. The 1960 aerial photos also note the presence of a small building to the south of the main school structure. The presence of septic tanks along with other de minimis conditions that could still have impacts to the property such as lead in the soil due to the undocumented removal of previous structures and materials disposal.
- Additionally, although the owner stated he was unaware of septic tanks on the property, their potential presence is a concern due to the age of the facility and its previous structures.
- Unrecorded and unknown subsurface utilities from previous property uses and structures may also pose possible environmental impacts.

RECs are likely to have involved the use of hazardous substances as described in the ASTM E 1527-13 and the Small Business Liability Relief and Brownfields Revitalization Act of 2002. Relative to the EPA Brownfields Program, assessment did not identify the property as being impacted by mine-scarred lands or the manufacture and/or distribution of illegal drugs.

## **Recommendations**

Based on the scope of services, limitations, and findings of this assessment, BFA Environmental recommends the following:

1. Performance of a limited subsurface investigation, which includes sampling and analytical testing of the property soil and groundwater for typical environmental contaminants of concern associated with, at a minimum, the storage and transport of petroleum products. The potential for a wide-range of contaminants exists due to the adjacent railroad tracks and history of releases within a one-mile radius of the site. The investigation should include some indicator tests to assess the potential that releases occurred due to these RECs. A records review should be conducted through the Alabama Department of Environmental Management prior to an invasive investigation to determine the sampling needs.
2. Regarding non-scope considerations, based on the floor and ceiling tiles present in the school building on site, sampling for asbestos containing materials (ACM) is recommended. Sampling for lead-based paint in the building and near the playground structures and in the location of the previous structure is also recommended due to lack of information regarding potential sandblasting activities, exposure to the elements, or proper disposal of previous materials.



**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
CITY OF BIRMINGHAM  
EPA BROWNFIELDS ASSESSMENT GRANT  
EPA COOPERATIVE AGREEMENT BF-00D45616  
POWDERLY ELEMENTARY SCHOOL  
1901 20<sup>TH</sup> STREET SW, BIRMINGHAM,  
JEFFERSON COUNTY, ALABAMA**

BFA Project No 2016-26  
October 4, 2017

## **1.0 INTRODUCTION**

### **1.1 Site Description**

<b>Site Name</b>	<b>Powderly Elementary School</b>
<b>Site Location/Address</b>	<b>1901 20<sup>th</sup> Street SW, Birmingham, AL 35211</b>
<b>Land Area</b>	Approximately 12.5 acres
<b>Site Improvements</b>	Large school building and green space

A floorplan/diagram of the property is provided in Appendix A. Historical topographic maps are also included. Acronyms and terms used in this report are described in Appendix B.

### **1.2 Scope of Services**

This Phase I ESA was performed under the Services Agreement between BFA Environmental and the City of Birmingham, in accordance with Task 2 in the approved Work Plan. It was conducted consistent with the procedures included in ASTM E 1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The purpose of this ESA was to assist the client in developing information to identify RECs in connection with the property as reflected by the scope of this report. This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews, including local government inquiries, as applicable, this was already listed first, and a visual noninvasive reconnaissance of the property and perimeter of adjoining properties. Limitations, ASTM deviations, and significant data gaps (if identified) are noted in the applicable sections of the report. All generic and boiler plate language utilized has been deemed applicable.

### **1.3 Standard of Care**

This ESA was performed in accordance with generally accepted practices of this profession, undertaken in similar studies at the same time and in the same geographical area. We have endeavored to meet this standard of care, but may be limited by conditions encountered during performance, a client-driven scope of work, or inability to review information not received by the report date. Where appropriate, these limitations are discussed in the text of the report, and an evaluation of their significance with respect to our findings has been conducted.

Phase I ESAs, such as the one performed at this site, are of limited scope, are noninvasive, and cannot eliminate the potential that hazardous, toxic, or petroleum substances are present or have been released at the property beyond what is identified by the limited scope of this ESA. In conducting the limited scope of services described herein, certain sources of information and public records were not reviewed. It should be recognized that environmental concerns may be documented in public records that were not reviewed. No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs. No warranties, express or implied, are intended or made. The limitations herein must be considered when the user of this report formulates opinions as to risks associated with the property or otherwise uses the report for any other purpose. These risks may be further evaluated – but not eliminated – through additional research or assessment. We will, upon request, advise you of additional research or assessment options that may be available and associated costs.

### **1.4 Additional Scope Limitations, ASTM Deviations and Significant Data Gaps**

Based upon the agreed-on scope of services, this ESA did not include subsurface or other invasive assessments, vapor intrusion assessments or indoor air quality assessments (i.e. evaluation of the presence of vapors within a building structure), business environmental risk evaluations, or other services not particularly identified and discussed herein. Credentials of the company (Statement of Qualifications) have not been included in this report but are available upon request. Pertinent documents are referred to in the text of this report, and a separate reference section has not been included. Reasonable attempts were made to obtain information within the scope and time constraints set forth by the client; however, in some instances, information requested is not, or was not, received by the issuance date of the report. Information obtained for this ESA was received from several sources that we believe to be reliable; nonetheless, the authenticity or reliability of these sources cannot and is not warranted hereunder.

Data gaps include a lack of detailed regulatory (lack of remediation information for facilities such as the Crown Central Petroleum Corp site) and historical records (Sanborn fire insurance maps, photographs in 5-year intervals) on the property and adjacent sites, and an inability to interview previous property owners. Additionally, the City of Birmingham Fire Department's records



system of emergency incidents and releases only covers the last ten years. As such, there may be information concerning prior issues associated with the property that was not provided. The Jefferson County Emergency Management Agency also lacked historical information on the property.

An evaluation of the significance of these limitations and missing information with respect to our findings has been conducted, and where appropriate, significant data gaps are identified and discussed in the text of the report. However, it should be recognized that an evaluation of significant data gaps is based on the information available at the time of report issuance, and an evaluation of information received after the report issuance date may result in an alteration of our conclusions, recommendations, or opinions. We have no obligation to provide information obtained or discovered by us after the issuance date of the report, or to perform any additional services, regardless of whether the information would affect any conclusions, recommendations, or opinions in the report. This disclaimer specifically applies to any information that has not been provided by the client.

This report represents our service to you as of the report date and constitutes our final document; its text may not be altered after final issuance. Findings in this report are based upon the property's current utilization, information derived from the most recent reconnaissance and from other activities described herein; such information is subject to change. Certain indicators of the presence of hazardous substances or petroleum products may have been latent, inaccessible, unobservable, or not present during the most recent reconnaissance and may subsequently become observable (such as after site renovation or development). Further, these services are not to be construed as legal interpretation or advice.

## **1.5 Reliance**

This ESA report is prepared for the exclusive use by the City of Birmingham and the associated EPA Brownfields Program. Reliance by any other party is prohibited without the written authorization of the City of Birmingham and BFA Environmental.

Reliance on the ESA by the client and all authorized parties will be subject to the terms, conditions and limitations stated in the proposal, ESA report, and our EPA Community Wide Assessment Grant Agreement, dated August 31, 2016.

Continued viability of this report is subject to ASTM E 1527-13 Sections 4.6 and 4.8. If the ESA will be used by a different user (third party) than the user for whom the ESA was originally prepared, the third party must also satisfy the user's responsibilities in Section 6 of ASTM E 1527-13. Pursuant to Section 36 of the Office of Management and Budget Circular A-110(a), "the Federal awarding agency(ies) reserve a royalty-free, nonexclusive and irrevocable right to reproduce, publish, or otherwise use the work for Federal purposes, and to authorize others to do so." This use does not constitute reliance.



## 1.6 User Provided Information

Exemption 6 Personal Privacy

the landowner, was asked to provide user questionnaire information as described in ASTM E 1527-13 Section 8.1.1. The landowner was not aware of any environmental issues with the property. The detailed questionnaire information is included in Appendix C.

### User Questionnaire Responses

BFA Environmental's consideration of the user-provided information did not identify RECs on the property.

## 2.0 PHYSICAL SETTING

The property is located in southwest Birmingham and contains an approximate 40,000 square foot school building, mobile unit adjacent to the south of the building, and an abandoned communications tower. The remaining area of the property is open field with grass and trees that cover the outer perimeter. Surface water features include an unnamed tributary of Nabors Branch that runs along the south/southwest portion of the property. The property is primarily covered with grass and other vegetation. Further details are described in the table below.

Physical Setting Information		Source
<b>Topography</b> (Refer to Appendix A for an excerpt of the Topographic Map)		
Site Elevation	Approximately 577 feet (NGVD) across the property	Google Earth Site observations USGS Topographic Map, Birmingham North, Alabama Quadrangle, dated 1997, USGS NHD
Surface Runoff/ Topographic Gradient	The overall topographic gradient slopes primarily to the north.	
Closest Surface Water	Unnamed tributary of Nabors Branch that runs along south/southwest portion of the property	
Soil Type	Urban land and Decatur-Urban land complex, 2 to 8 percent slopes	



Physical Setting Information		Source
Description	Area contains a large school building and surrounding field with trees covering the site perimeter. A tributary of Nabors Branch runs along part of the southern parcel boundary. There is also an old antenna and trailer south of the main school building.	The Soil Survey of Jefferson County, Alabama, as prepared by the United States Department of Agriculture (USDA), Soil Conservation Service (SCS; later renamed the Natural Resource Conservation Service - NRCS), dated 1982
Geology/Hydrogeology		
Formation	Ccr (Copper Ridge Dolomite)	<a href="https://mrdata.usgs.gov/geology/state/state.php?state=AL">https://mrdata.usgs.gov/geology/state/state.php?state=AL</a>
Description	Copper Ridge Dolomite - light-gray finely to coarsely crystalline, thick-bedded siliceous dolomite; characterized by abundant stromatolitic chert. Mapped separately only in the Birmingham anticlinorium where overlying units within the Knox Group are absent beneath the post-Knox unconformity.	
Estimated Depth to First Occurrence of Groundwater	Greater than 20 feet below land surface	
Hydrogeologic Gradient	Available information suggests the overall topographic gradient slopes primarily to the north.	

### 3.0 HISTORICAL USE INFORMATION

BFA Environmental reviewed the following historical sources to develop a history of the previous uses of the property and surrounding area, in order to help identify past uses for indications of RECs. Copies of selected historical documents are included in Appendix C.

#### 3.1 Historical Topographic Maps

Historical USGS topographic maps were reviewed to evaluate land development in connection with the property. Land use at and around the property appeared to be commercial/industrial, with large structures and railroads evident adjacent to the east and south of the property back to 1905. I would also add the appearance of bulk fuel storage approximately 2,000 feet southwest of the property back to 1958.

Reviewed historical topographic maps are summarized below.

- Bessemer Iron District, Alabama, published in 1905 (1:5,208)
- Birmingham South, Alabama, published in 1959, (1:2,000)
- Birmingham North, Alabama, published in 1959, photorevised 1970 (1:2,000)
- Birmingham North, Alabama, published in 1997 (1:2,000)
- Birmingham South, Alabama, published in 2014 (1:2,000)
- Bessemer, Alabama, published in 1959 (adjacent), (1:2,000)
- Bessemer, Alabama, published in 1959 (adjacent), photorevised 1970 (1:2,000)
- Bessemer, Alabama, published in 1997 (adjacent), (1:2,000)
- Bessemer, Alabama, published in 2014 (adjacent), (1:2,000)

### Historical Topographic Maps

Direction	Description
Site	<p><b>1905:</b> stream present running through southwest portion of property, no notations on site, elevation approx. 580 feet</p> <p><b>1959:</b> Long building runs from north to south along far western portion of property</p> <p><b>1970:</b> Part of southern part of structure appears to be removed with addition to building that runs from west to east</p> <p><b>1997:</b> Small structure in southwest corner of property no longer visible; School building and marker shown on site, with stream</p> <p><b>2014:</b> School marker shown with stream on south side of property, no other notations on site</p>
North	<p><b>1905:</b> No notations on site</p> <p><b>1959, 1970, 1997:</b> Roads and church marker are visible; petroleum/fuel tanks visible approximately 1-mile northeast of the property</p> <p><b>2014:</b> Same as 1997 but with no church marker</p>
East	<p><b>1905:</b> Railroad tracks visible along edge of property; roads also visible further east</p> <p><b>1959, 1970:</b> Railroad tracks and unnamed waterway visible along edge of property; improved roads also visible further east</p> <p><b>1997:</b> same as 1970 but water feature no longer extends east of property boundary</p> <p><b>2014:</b> roads visible but no other notations present</p>
South	<p><b>1905:</b> Railroads, roads and waterways visible</p> <p><b>1959, 1970, 1997:</b> Waterways, roads and railroad tracks visible; aboveground fuel tanks visible approximately 0.75 miles southwest of property</p> <p><b>2014:</b> Waterways, railroad tracks and vegetation markers visible</p>
West	<p><b>1905:</b> Waterway visible but no other features shown</p> <p><b>1959, 1970, 1997:</b> Roads, and waterways visible</p> <p><b>2014:</b> Waterways, roads and vegetation markers shown</p>



### 3.2 Historical Aerial Photographs

Selected historical aerial photographs from GeoSearch were reviewed at approximately 10 to 15 year intervals, if readily available, to obtain information concerning the history of development on and near the property. Evaluation of these aerals may be limited by a photo's quality and scale. Selected photographs are summarized below. Based on available area imagery, the past land use on the area around property appears to be primarily residential with some commercial in the surrounding area on the 1941 aerial photograph. The adjacent railroad tracks were present to the east and south of the property back to 1941. The school structure also appears more elongated north and south on the 1952 aerial photograph. The 1960 aerial photo also indicates that there appeared to be a communications tower and associated facility toward the southwestern portion of the property. The previously mentioned bulk storage tanks resembling petroleum storage tanks approximately 2,500 feet southwest of the property are also visible on the 1960 aerial photograph.

#### Historical Aerial Photographs

Direction	Description
Site	<p><b>1941:</b> Site appears to be vacant land/undeveloped</p> <p><b>1952:</b> Poor resolution prohibits analysis</p> <p><b>1960,1970,1975:</b> Large building running west to east visible; additional small structure shown on southwest portion of property</p> <p><b>1975-1997:</b> Additional structure on southwest portion of property no longer visible</p> <p><b>2006-2015:</b> Paved areas and playground structures visible on west side of property</p>
North	<p><b>1941-1952:</b> Some roads visible but mostly undeveloped area</p> <p><b>1960:</b> Some residential structures present</p> <p><b>1970-2015:</b> Same as <b>1960</b> photo but with greater density of residential structures</p>
East	<p><b>1941:</b> Vegetation and railroad tracks visible; land appears undeveloped</p> <p><b>1952:</b> Poor resolution prohibits analysis</p> <p><b>1960-2015:</b> Railroad tracks visible with large number of single-family dwelling structures present</p>
South	<p><b>1941:</b> Waterway, roads, railroads, dense trees/vegetation visible</p> <p><b>1952:</b> Poor resolution prohibits analysis</p> <p><b>1960-2015:</b> Residential structures visible</p>
West	<p><b>1941:</b> Waterway, roads and residential structures visible</p> <p><b>1952:</b> Poor resolution prohibits analysis</p> <p><b>1960-2015:</b> Waterway, roads and residential structures visible</p>

### 3.3 Historical City Directories

The city directories used in this study were made available through GeoSearch and were reviewed at approximate five-year intervals, when available. Certain parts of the directory are shown in the tables below but the entirety of the directory is included in Appendix C. No coverage of the area was available prior to 1950.

#### Historical City Directories

Direction	Description
Site	<b>1901 20<sup>th</sup> Street SW:</b> (1954-2016) Powderly Elementary School
North	<b>1941 Jackson Avenue SW:</b> (1954-1981) Will Hood, (2001-2006) West End Hills Missionary Baptist Church <b>1855 Jackson Avenue SW:</b> (1960) John H. Martin, Roy W. Ezell <b>1901 Jackson Avenue SW:</b> (1976-2001) James A. De Berry Jr., Lillie M. De Berry <b>1937 Jackson Avenue SW:</b> (1954) Arthur C. Dawson, James Mack, (1960) Lorenzo James, Ellen S. Townes, Mary L. Jackson, Mary Goldsmith, Edward Brown, (1965) Sarah Pickett, Eddie L. Barnes, Frank Coates, William H. James, (1970) Frank Coates, (1976) Sadie B. Pickett, Frank Coates, (1981) Johnny Powell Jr., Frank Coates (1985-1991) Vacant, (1995) West End Hills Baptist Church [Annex] <b>1701 20<sup>th</sup> Street SW:</b> (1954-960) Esau Cook
East	<b>1929 Henrietta Drive SW:</b> (1976-1981) Marion Rutledge Jr., (1985) Vacant <b>1933 Henrietta Drive SW:</b> (1976-1985) Mrs. Georgia P. Mason <b>1936 Henry Crumpton Drive:</b> (1991) Clara R. Stockdale, (2001) Barbara Slaughter, (2006-2010) Rita Jordan, (2016) Imra Stockdale, Isaac Hood Jr.
West	<b>1806 24<sup>th</sup> Street SW:</b> (2001) Triple P Food Store [Convenience Store] <b>1820 24<sup>th</sup> Street SW:</b> (1954-1970) Givan's Lunch [Restaurant], (1976- 1995) Grant Barber Shop <b>1901 24<sup>th</sup> Street SW:</b> (1954) Gladys McGhee, (1960) Nelson's Flower Shop, (1965-1991) Vacant
South	<b>2212 20<sup>th</sup> Street SW:</b> (1976) Nelvis Pritchett, (1981-2001) Pearl A. Pritchett, (2001) Annie P. Pritchett, (2006) Michelle Pritchett, (2010) No Current Listing <b>2725 24<sup>th</sup> Street SW:</b> (2001-2016) Mount Canaan Full Gospel Church

The above historical city directories indicate that the property housed an elementary school since at least 1954. The land use around the property is primarily residential with some commercial development to the west such as a convenience store and a barber shop.

### 3.4 Historical Fire Insurance Maps

In the late nineteenth century, the Sanborn Company began preparing maps of central business districts for use by fire insurance companies. These maps were updated and expanded geographically periodically through the twentieth century. The Sanborn maps often indicate construction materials of specific building structures and the location of gasoline storage tanks and other fire hazards etc. Fire insurance maps were not available for this area.



### 3.5 Site Ownership

Based on a review of information obtained from the Jefferson County Tax Assessor records and email communication with the City of Birmingham and West End Hills Missionary Baptist Church on July 24, 2017, the property owner was identified as:

### 3.6 Title Search

At the direction of the user (City of Birmingham Department of Community Development) on July 31, 2017, a title search was not included as part of the scope of services. Unless notified otherwise, we assume that the user is evaluating this information outside the scope of this report.

### 3.7 Environmental Liens

At the direction of the client (City of Birmingham Department of Community Development) on July 31, 2017, performance of a review of these records was not included as part of the scope of services and unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

### 3.8 Interviews Regarding Current and Historical Uses

The following individual was interviewed regarding the current and historical use of the property. BFA was also able to speak with the previous owner, Birmingham City Schools (Edward McMullen) on August 18, 2017 and he was not aware of any past environmental issues associated with the property.

Interviewer	Interviewee/Phone #	Title	Date/Time
Patrick Barnes Jr./Julie Parrish	Exemption 6 Personal Privacy	Owner/Operator	July 31, 2017

BFA Environmental interviewed the owner of the property during a site visit on July 31, 2017. The owner reported the following:

- There have been no environmental studies of the property since he purchased the property;
- Water and sewer service is currently not provided (formerly provided by Birmingham Water Works);
- Electric service is currently not provided (formerly provided by Alabama Power);
- Natural gas is currently not provided (formerly provided by Alagasco);



- He was unaware of any current or former underground/aboveground petroleum or hazardous material storage tanks located or utilized on the property;
- He was unaware of any illegal dumping or unpermitted landfilling at the property;
- He was unaware of any spills or releases of petroleum products or hazardous materials at the property;
- He was unaware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the property.

### **3.9 Prior Report Review**

No prior environmental reports were provided by the owner.

### **3.10 Historical Use Information Summary**

The property itself has served as school grounds since at least 1954 (according to City Directories). The property is located in Southwest Birmingham, which is located west of Interstate 65. The community is the home of Red Mountain Park, and has a wide range of land uses that include single and multi-family residential, industrial and commercial.

The historical city directories, topographic maps, and aerial photos reveal that structures have existed on the property at least since 1954 (City Directories). The large school building structure was visible on the property by 1959 (topographic map) and this structure appeared to be expanded and restructured with parts to the south that were demolished by 1970 (aerial photograph). In all of the topographic maps and aerial imagery from 1941 through 2015, railroad tracks are also visible on the adjacent property to the east and south.

## **4.0 RECORDS REVIEW**

Regulatory database information was provided by GeoSearch, a contract information services company. The purpose of the records review was to identify RECs in connection with the property. Information in this section is subject to the accuracy of the data provided by the information services company and the date at which the information is updated, and the scope herein did not include confirmation of facilities listed as being unable to be mapped by regulatory databases.

In some of the following subsections, the words up-gradient, cross-gradient and down-gradient refer to the topographic gradient in relation to the property. As stated previously, the exact groundwater flow direction and the depth to shallow groundwater, if present, would likely vary to some degree depending upon seasonal variations in rainfall and the depth to the soil/bedrock interface. Without the benefit of on-site groundwater monitoring wells surveyed to a datum,



groundwater depth and flow direction beneath the property cannot be directly ascertained. However, the topographic maps indicate that the land surface dips in a north direction in the region of the property.

Listed below are the facilities identified on federal and state/tribal databases within the ASTM-required search distances from the approximate site boundaries. In addition to the ASTM-required listings, BFA Environmental reviewed other federal, state, local, and proprietary databases provided by the database firm. Database definitions, descriptions, and the database search report are included in Appendix D. The industries in which many of these facilities operate are associated primarily with transportation, logistics and the production of petroleum products.

#### 4.1 Federal Databases

The table below describes available records from federal databases regarding regulated sites within a one mile radius of the property. The sites include Crown Central Petroleum Corp. Powderly Elementary School was listed in the FRSAL (Facility Registry System). The characteristics of these facilities as they relate to the property are detailed below and in Appendix D.

ID#	Database	Site Name	Distance From Site	REC?
1	FRSAL	POWDERLY ELEMENTARY SCHOOL	TARGET PROPERTY	N
2	SEMSARCH	CROWN CENTRAL PETROLEUM CORP	0.38 mi. SW (2006 ft.)	Y

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
EMERGENCY RESPONSE NOTIFICATION SYSTEM	<u>ERNSAL</u>	0	0	TP/AP
FEDERAL ENGINEERING INSTITUTIONAL CONTROL SITES	<u>EC</u>	0	0	TP/AP
LAND USE CONTROL INFORMATION SYSTEM	<u>LUCIS</u>	0	0	TP/AP
RCRA SITES WITH CONTROLS	<u>RCRASC</u>	0	0	TP/AP
RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR	<u>RCRAGR04</u>	0	0	0.1250
RESOURCE CONSERVATION & RECOVERY ACT - NON-GENERATOR	<u>RCRANGR04</u>	0	0	0.1250
FEMA OWNED STORAGE TANKS	<u>FEMAUST</u>	0	0	0.2500
BROWNFIELDS MANAGEMENT SYSTEM	<u>BF</u>	0	0	0.5000
DELISTED NATIONAL PRIORITIES LIST	<u>DNPL</u>	0	0	0.5000
NO LONGER REGULATED RCRA NON-CORRACTS TSD FACILITIES	<u>NLRRCRAT</u>	0	0	0.5000
RESOURCE CONSERVATION & RECOVERY ACT - NON-CORRACTS TREATMENT, STORAGE & DISPOSAL FACILITIES	<u>RCRAT</u>	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM	<u>SEMS</u>	0	0	0.5000

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SUPERFUND ENTERPRISE MANAGEMENT SYSTEM ARCHIVED SITE INVENTORY	<u>SEMSARCH</u>	1	0	0.5000
NATIONAL PRIORITIES LIST	<u>NPL</u>	0	0	1.0000
NO LONGER REGULATED RCRA CORRECTIVE ACTION FACILITIES	<u>NLRRCRAC</u>	0	0	1.0000
PROPOSED NATIONAL PRIORITIES LIST	<u>PNPL</u>	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES	<u>RCRAC</u>	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - SUBJECT TO CORRECTIVE ACTION FACILITIES	<u>RCRASUBC</u>	0	0	1.0000
SUB-TOTAL		1	0	

**Additional Environmental Records**

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	<u>AIRSAFS</u>	0	0	TP/AP
BIENNIAL REPORTING SYSTEM	<u>BRS</u>	0	0	TP/AP
CERCLIS LIENS	<u>SFLIENS</u>	0	0	TP/AP
CLANDESTINE DRUG LABORATORY LOCATIONS	<u>CDL</u>	0	0	TP/AP
EPA DOCKET DATA	<u>DOCKETS</u>	0	0	TP/AP
ENFORCEMENT AND COMPLIANCE HISTORY INFORMATION	<u>ECHOR04</u>	0	0	TP/AP
Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
FACILITY REGISTRY SYSTEM	<u>FRSAL</u>	1	0	TP/AP
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	<u>HMIRSR04</u>	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM (FORMERLY DOCKETS)	<u>ICIS</u>	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	<u>ICISNPDES</u>	0	0	TP/AP
MATERIAL LICENSING TRACKING SYSTEM	<u>MLTS</u>	0	0	TP/AP
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	<u>NPDESR04</u>	0	0	TP/AP
PCB ACTIVITY DATABASE SYSTEM	<u>PADS</u>	0	0	TP/AP
PERMIT COMPLIANCE SYSTEM	<u>PCSR04</u>	0	0	TP/AP
SECTION SEVEN TRACKING SYSTEM	<u>SSTS</u>	0	0	TP/AP
TOXIC SUBSTANCE CONTROL ACT INVENTORY	<u>TSCA</u>	0	0	TP/AP
TOXICS RELEASE INVENTORY	<u>TRI</u>	0	0	TP/AP
ALTERNATIVE FUELING STATIONS	<u>ALTFUELS</u>	0	0	0.2500
HISTORICAL GAS STATIONS	<u>HISTPST</u>	0	0	0.2500
MINE SAFETY AND HEALTH ADMINISTRATION MASTER INDEX FILE	<u>MSHA</u>	0	0	0.2500
MINERAL RESOURCE DATA SYSTEM	<u>MRDS</u>	0	0	0.2500
OPEN DUMP INVENTORY	<u>ODI</u>	0	0	0.5000
SURFACE MINING CONTROL AND RECLAMATION ACT SITES	<u>SMCRA</u>	0	0	0.5000
URANIUM MILL TAILINGS RADIATION CONTROL ACT SITES	<u>USUMTRCA</u>	0	0	0.5000
DEPARTMENT OF DEFENSE SITES	<u>DOD</u>	0	0	1.0000





FORMER MILITARY NIKE MISSILE SITES	<u>NMS</u>	0	0	1.0000
FORMERLY USED DEFENSE SITES	<u>FUDS</u>	0	0	1.0000
FORMERLY UTILIZED SITES REMEDIAL ACTION PROGRAM	<u>FUSRAP</u>	0	0	1.0000
RECORD OF DECISION SYSTEM	<u>RODS</u>	0	0	1.0000
SUB-TOTAL		1	0	

## 4.2 State/Tribal Databases and Local Inquiries

The table below describes available records from State/Tribal and local databases regarding regulated sites within a one mile radius of the property. These sites include a number of leaking underground storage tanks (LUSTs) and registered underground storage tanks (RUSTs). The characteristics of these sites as they relate to the property are detailed below and in Appendix D.

ID#	Database	Site Name	Distance From Site	REC?
1	RUST	ISHKOOKA CHEVRON	0.12 mi. SW (634 ft.)	N
2	LUST	MILLER TRANSPORTERS INC	0.23 mi. SW (1214 ft.)	N
3	RUST	CHURCH TRANSPORTATION AND LOGISTICS	0.23 mi. SW (1214 ft.)	N
4	RUST	RACEWAY SERVICE STATION	0.24 mi. NW (1267 ft.)	N
5	LUST	FOOD SHOP SOUTH (930403)	0.46 mi. SE (1690 ft.)	N
6	LUST	FOOD SHOP SOUTH (960810)	0.86 mi. SE (1690 ft.)	N

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
INSTITUTIONAL / ENGINEERING CONTROLS REGISTRY	<u>ICEC</u>	0	0	TP/AP
REGISTERED ABOVEGROUND STORAGE TANKS	<u>RAST</u>	0	0	0.2500
REGISTERED UNDERGROUND STORAGE TANKS	<u>RUST</u>	3	0	0.2500
BROWNFIELD AND VOLUNTARY CLEANUP SITES	<u>VCPBF</u>	0	0	0.5000
LANDFILL AND SOLID WASTE DISPOSAL SITES	<u>LFSWDS</u>	0	0	0.5000
LEAKING UNDERGROUND STORAGE TANKS	<u>LUST</u>	3	0	0.5000
HAZARDOUS SUBSTANCES CLEANUP FUND SITES	<u>HSCF</u>	0	0	1.0000
SUB-TOTAL		6	0	

### **Additional Environmental Records**

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
DRYCLEANING ENVIRONMENTAL RESPONSE TRUST FUND SITES	<u>DERTF</u>	0	0	0.5000



SUB-TOTAL		0	0	
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### **TRIBAL LISTING**

#### **Standard Environmental Records**

<i>Database</i>	<i>Acronym</i>	<i>Locatable</i>	<i>Unlocatable</i>	<i>Search Radius (miles)</i>
UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	<u>USTR04</u>	0	0	0.2500
LEAKING UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	<u>LUSTR04</u>	0	0	0.5000
OPEN DUMP INVENTORY ON TRIBAL LANDS	<u>ODINDIAN</u>	0	0	0.5000
SUB-TOTAL		0	0	

#### **Additional Environmental Records**

<i>Database</i>	<i>Acronym</i>	<i>Locatable</i>	<i>Unlocatable</i>	<i>Search Radius (miles)</i>
INDIAN RESERVATIONS	<u>INDIANRES</u>	0	0	1.0000
SUB-TOTAL		0	0	
TOTAL		8	0	

### **4.2.1 Health Department/Environmental Division**

BFA Environmental reviewed records compiled based on information from the Alabama Department of Public Health and Alabama Department of Environmental Management. The property lies in an area of Jefferson County where radon levels are expected to be between 2 and 4 pCi/L and controls are generally unnecessary. Based on this information, the property is considered to have a low potential for elevated indoor concentrations of radon gas. However, testing would be required to evaluate site-specific concentrations of radon gas.

### **4.2.2 Fire Department**

BFA Environmental contacted the City of Birmingham Fire Department via email on August 2, 2017 to request records of emergency releases at the property. On August 17, 2017, E.J. Munnerlyn of the Fire Marshal's Office responded and noted that there are no outstanding violations, and that there have been no chemical spills, underground storage tank leaks or releases on the property or adjoining properties that could have impacted the property.

### **4.2.3 Planning, Building Permit/Inspection Department**

Based on communication with Don Wilborn at the City of Birmingham Planning and Zoning Department on August 9, 2017, the property is currently zoned as R4 – Two-family/Semi-attached dwelling.

#### 4.2.4 Local/Regional Pollution Control Agency

Patrick Barnes Jr. of BFA Environmental also contacted Kayla Lewis at the Alabama Department of Environmental Management (ADEM) via phone on August 9, 2017 regarding any records of releases at or near the property. ADEM staff were not able to find any records of past chemical or hazardous releases at the property and confirmed that no further action letters were issued for all identified LUSTs near the property.

Patrick Barnes Jr. also spoke to Gay Nell White at the Jefferson County Emergency Management Agency on August 9, 2017 regarding potential releases and received records that identified multiple upgradient releases that would constitute RECs in relation to the property. These are summarized in the section below.

#### 4.3 Records Review Summary

Selected federal and state environmental regulatory databases as well as information from state and local regulatory agencies were reviewed. The property had no identified notation in the regulatory databases. The records review found three leaking underground storage tanks (LUST) within a mile of the property. Because no further action letters were issued by ADEM for each of the sites, they are not considered RECs in relation to the property.

The Crown Central Petroleum Corp site at 2400 Nabors Road (upgradient, 0.38 miles SW of the property) has had a number of releases over the years (as shown in the Jefferson County Emergency Management Agency records). These include a 300 barrel release of diesel fuel in April 1989, a 15 gallon release of petroleum product in April 2006 and a 2500 gallon release of JP8 jet fuel in March 2017. The close proximity and upgradient position of these releases makes them RECs in connection with the property.

The significant scale of additional nearby fuel farms and petroleum operations such as Allied Energy and Marathon Petroleum are also worth noting. Because of their size, proximity, upgradient position and lack of records of potential releases, they are also considered RECs in connection with the property.

The Jefferson County Emergency Management Agency records also identified the following releases that are considered RECs in relation to the property:

- November 2015 release of 1000 gallons of gasoline at **2300 Nabors Road** (upgradient, 0.4 miles SW of property)
- March 1988 release of two 55-gallon hazmat drums at **2345 18<sup>th</sup> Place** (upgradient, 0.4 miles SE of property)
- May 1990 release of unknown quantity of ethanol/diesel at **2551 Balsam Road** (upgradient, 0.32 miles SE of property)



The other regulated sites identified in Appendix D were evaluated and based on their distance from the property and lack of reported releases, they are not considered RECs with reference to the property.

## **5.0 SITE RECONNAISSANCE**

### **5.1 General Site Information**

Information contained in this section is based on a visual reconnaissance conducted while walking through the property and the accessible interior areas of structures, if any, located on the property. Photo documentation of the property at the time of the visual reconnaissance is provided in Appendix E. Credentials of the individual responsible for planning and evaluating the site visit is included in Appendix F.

#### **General Site Information**

<b>Site Reconnaissance</b>	
Field Personnel	Patrick Barnes Jr. and Julie Parrish
Reconnaissance Date	07/31/2017
Weather Conditions	90°F, Sunny
Site Contact/Title	Exemption 6 Personal Privacy
<b>Site Utilities</b>	
Drinking Water	Birmingham Water Works (currently offline)
Wastewater	Birmingham Water Works (currently offline)
Electricity	Alabama Power (currently offline)
Natural Gas	Alagasco (currently offline)

### **5.2 Overview of Current Site Occupants and Operations**

The property is located at 1901 20<sup>th</sup> Street SW, Birmingham, AL and is identified by Jefferson County Parcel Identification Number 2900174016021000. The property is an approximate 12.5-acre area located in southwest Birmingham. The property consists of a large school building and surrounding open field with a mobile unit, communications tower, and playground equipment. A portion of the school building is currently being renovated to be utilized by West End Hills Missionary Baptist Church for community events such as exercise courses and job training.

### 5.3 Site Observations

The following table summarizes site observations and interviews. Affirmative responses (designated by an "X") are discussed in more detail following the table.

**Site Characteristics**

Category	Item or Feature	Observed or Otherwise Identified
Site Operations, Processes, and Equipment	Emergency generators	
	Elevators	
	Air compressors	
	Hydraulic lifts	
	Dry cleaning	
	Photo processing	
	Ventilation hoods and/or incinerators	
	Waste treatment systems and/or water treatment systems	
	Heating and/or cooling systems	X (boiler in far east part of building)
	Other processes or equipment	
Aboveground Chemical or Waste Storage	Aboveground storage tanks	
	Drums, barrels and/or containers ≥ 5 gallons	
	MSDS	
Underground Chemical or Waste Storage, Drainage or Collection Systems	Underground storage tanks or ancillary UST equipment	
	Sumps, cisterns, catch basins and/or dry wells	
	Grease traps	
	Septic tanks and/or leach fields	
	Oil/water separators	
	Pipeline markers	
	Interior floor drains	X (in cafeteria area on west side of building)
Electrical Transformers/PCBs	Transformers and/or capacitors	X (on power pole north of school building)
	Other equipment	
Releases or Potential Releases	Stressed vegetation	
	Stained soil	
	Stained pavement or similar surface	



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Category	Item or Feature	Observed or Otherwise Identified
	Leachate and/or waste seeps	
	Trash, debris and/or other waste materials	X (on eastern edge of property)
Releases or Potential Releases	Dumping or disposal areas	
	Construction/demolition debris and/or dumped fill dirt	
	Surface water discoloration, odor, sheen, and/or free floating product	
	Strong, pungent or noxious odors	
	Exterior pipe discharges and/or other effluent discharges	
Other Notable Site Features	Surface water bodies	X (stream along southwest edge of property)
	Quarries or pits	
	Wells	
	Backfilling of hole on adjoining parking area	

### **Site Operations, Processes, and Equipment**

Equipment that appeared to be a boiler was observed in a room on the far eastern side of the school building.

### **Underground Chemical or Waste Storage, Drainage or Collection Systems**

Interior floor drains were observed in the cafeteria/kitchen area on the far west side of the building.

### **Electrical Transformers/ PCBs**

A power pole north the school building may have a transformer that could potentially contain PCBs.

### **Releases or Potential Releases**

Trash and debris of note was observed on the far eastern side of the property that included a used bag of fertilizer, empty plastic crates and other debris.

### **Other Notable Site Features**

A unnamed stream (tributary of Nabors Branch) that runs along the southwest portion of the property was observed at the time of the site reconnaissance. It appeared the stream could have potentially created surrounding wetlands over time due to flooding.

Chipped paint observed on playground structures on the west side of the property may also present potential impacts of elevated lead concentrations in the surrounding soil. An old communications tower was also observed just south of the school building. There was also a boiler located on the far east side of the building.

## **5.4 Site Reconnaissance Summary**

Based on site reconnaissance, no RECs were identified in connection with the property except for the following:

- Potential non-scope considerations may include lead and asbestos containing materials in the school building
- A power pole north of the school building has transformers that could contain PCBs that may pose a potential concern.
- Potential soil contamination due to the presence of chipped paint on playground structures may also warrant further investigation.



## 6.0 ADJOINING PROPERTY RECONNAISSANCE

Visual observations of adjoining properties (from site boundaries) are summarized below.

### Adjoining Properties

Direction	Description
North	Residential structures
East	Dense trees and railroad tracks
South	Railroad tracks and residential structures
West	Residential structures

## 7.0 ADDITIONAL SERVICES

Per the agreed scope of services specified in the proposal, additional services were not conducted as part of this assessment.

## 8.0 DECLARATION

I, Patrick A. Barnes, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312; and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the property. I have developed and performed the All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



## All Appropriate Inquiries Rule: Reporting Requirements Checklist for Assessment Grant Recipients

### WHAT IS "ALL APPROPRIATE INQUIRIES"?

"All appropriate inquiries," or AAI, is a process of evaluating a property's environmental conditions and assessing the likelihood of any contamination. Every Phase I assessment conducted with EPA Brownfields Assessment Grant funds **must** be conducted in compliance with the All Appropriate Inquiries Final Rule at 40 CFR Part 312. The All Appropriate Inquiries Final Rule provides that the ASTM E1527-05 and ASTM E1527-13 standards are consistent with the requirements of the final rule and may be used to comply with the provisions of the rule. In addition, all appropriate inquiries must be conducted in compliance with the Final Rule or the ASTM standard to obtain certain protections from liability under the federal Comprehensive Environmental Response, Compensation and Liability Act (CERCLA, aka Superfund).

### WHAT ARE THE DOCUMENTATION REQUIREMENTS FOR ALL APPROPRIATE INQUIRIES?

The final rule requires that the results of an AAI investigation be documented in a written report. The specific reporting requirements for all appropriate inquiries are provided in 40 CFR §312.21 (*Results of Inquiry by an Environmental Professional*) and §312.31 of the final rule and in §12 of the ASTM E1527-05 and E1527-13 standards. All AAI final reports **must**, at a minimum include the following:

1. An **opinion** as to whether the inquiry identified conditions indicative of releases or threatened releases of hazardous substances, and as applicable, pollutants and contaminants, petroleum or petroleum products, or controlled substances, on, at, in, or to the subject property.
2. An identification of "**significant**" **data gaps** (as defined in §312.10 of AAI final rule and §12.7 of ASTM E1527-05 and E1527-13), if any, in the information collected for the inquiry. Significant data gaps include missing or unattainable information that affects the ability of the environmental professional to identify conditions indicative of releases or threatened releases of hazardous substances, and as applicable, pollutants and contaminants, petroleum or petroleum products, or controlled substances, on, at, in, or to the subject property. The documentation of significant data gaps must include information regarding the significance of these data gaps.
3. **Qualifications and signature** of the environmental professional(s). The environmental professional must place the following statements in the document and sign the document:
  - "[I, We] declare that, to the best of [my, our] professional knowledge and belief, [I, we] meet the definition of Environmental Professional as defined in §312.10 of this part."
  - "[I, We] have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. [I, We] have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312."

**Note:** Please use either "I" or "We."
4. In compliance with §312.31(b) of the AAI final rule and §12.6.1 of ASTM E1527-05 and E1527-13, the environmental professional must include in the final report an **opinion regarding additional appropriate investigation**, if the environmental professional has such an opinion.

For each Phase I Environmental Site Assessment, or AAI, conducted using EPA Brownfields Grant monies, the grantee must complete, sign, date, and submit the following check list with any AAI reports submitted to EPA.

Also see U.S. EPA's website at [www.epa.gov/brownfields](http://www.epa.gov/brownfields) for additional information.



**Checklist for Phase I Site Assessments Conducted using EPA Brownfields  
Assessment Grant Funds**

**Contact Information**

Grantee Name: City of Birmingham

Grant Number: BF-00D45616

ACRES Property ID: 234950

Program Manager Name: Patrick A. Barnes, P.G.  
(Point of Contact)

Contact Phone Number: (407) 896-8608

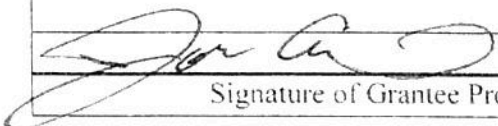
Name / Address of Property Assessed: 1901 20th Street SW, Birmingham, AL 35211

**Checklist**

Please indicate that each of the following All Appropriate Inquiries documentation requirements were met for the Phase I assessment conducted at the above listed property:

- ☒ An **opinion** as to whether the inquiry has identified conditions indicative of releases or threatened releases of hazardous substances, and as applicable, pollutants and contaminants, petroleum or petroleum products, or controlled substances, on, at, in, or to the subject property.
- ☒ An identification of "**significant**" **data gaps** (as defined in §312.10 of AAI final rule and §12.7 of ASTM E1527-05 and E1527-13), if any, in the information collected for the inquiry, as well as comments regarding the significance of these data gaps. Significant data gaps including missing and unattainable information that affects the ability of the environmental professional to identify conditions indicative of releases or threatened releases of hazardous substances, and as applicable, pollutants and contaminants, petroleum or petroleum products, or controlled substances, on, at, in, or to the subject property.
- ☒ **Qualifications and signature** of the environmental professional(s). The environmental professional must place the following statements in the document and sign the document:
  - ☒ "[I, We] declare that, to the best of [my, our] professional knowledge and belief, [I, we] meet the definition of Environmental Professional as defined in §312.10 of this part."
  - ☒ "[I, We] have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. [I, We] have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312."

**Note: Please use either "I" or "We."**
- ☒ In compliance with §312.31(b) of the AAI final rule and §12.6.1 of ASTM E1527-05 and E1527-13, the environmental professional must include in the final report an **opinion regarding additional appropriate investigation**, if the environmental professional has such an opinion.

  
Signature of Grantee Program Manager

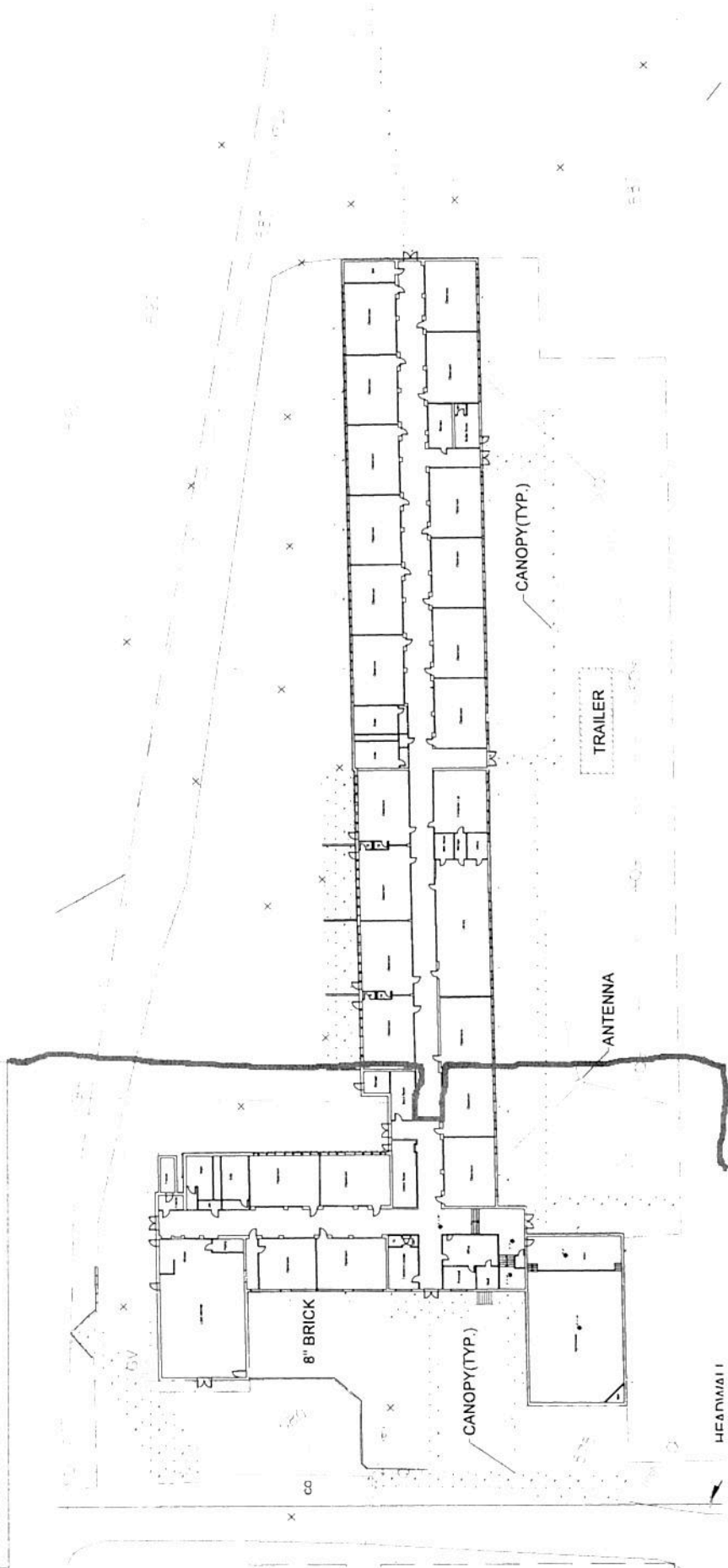
10/06/2017

Date

## **APPENDIX A TOPOGRAPHIC MAPS**

**AREA TO BE RENOVATED**

**AREA TO REMAIN**







On time. On target. In touch.™

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## ***Historical Topographic Maps***

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*Target Property:*

***Powderly Elementary School  
1901 20th St SW  
Birmingham, Jefferson, Alabama 35211***

*Prepared For:*

***BFA Environmental Inc***

***Order #: 91060***

***Job #: 198009***

***Project #: 2016-26***

***Date: 7/31/2017***

**GeoSearch** [www.geo-search.com](http://www.geo-search.com) 888-396-0042

## Target Property Summary

**Powderly Elementary School**

**1901 20th St SW**

**Birmingham, Jefferson, Alabama 35211**

USGS Quadrangle: **Birmingham South**

Target Property Geometry: **Area**

Target Property Longitude(s)/Latitude(s):

(-86.869845986, 33.464294478), (-86.869835258, 33.466655099), (-86.866165996, 33.466579155),

(-86.867367625, 33.465610864), (-86.867828965, 33.465231140), (-86.868467331, 33.464693193),

(-86.868982315, 33.464364095), (-86.869604588, 33.464110942), (-86.869862080, 33.463984365)

## Topographic Map Summary

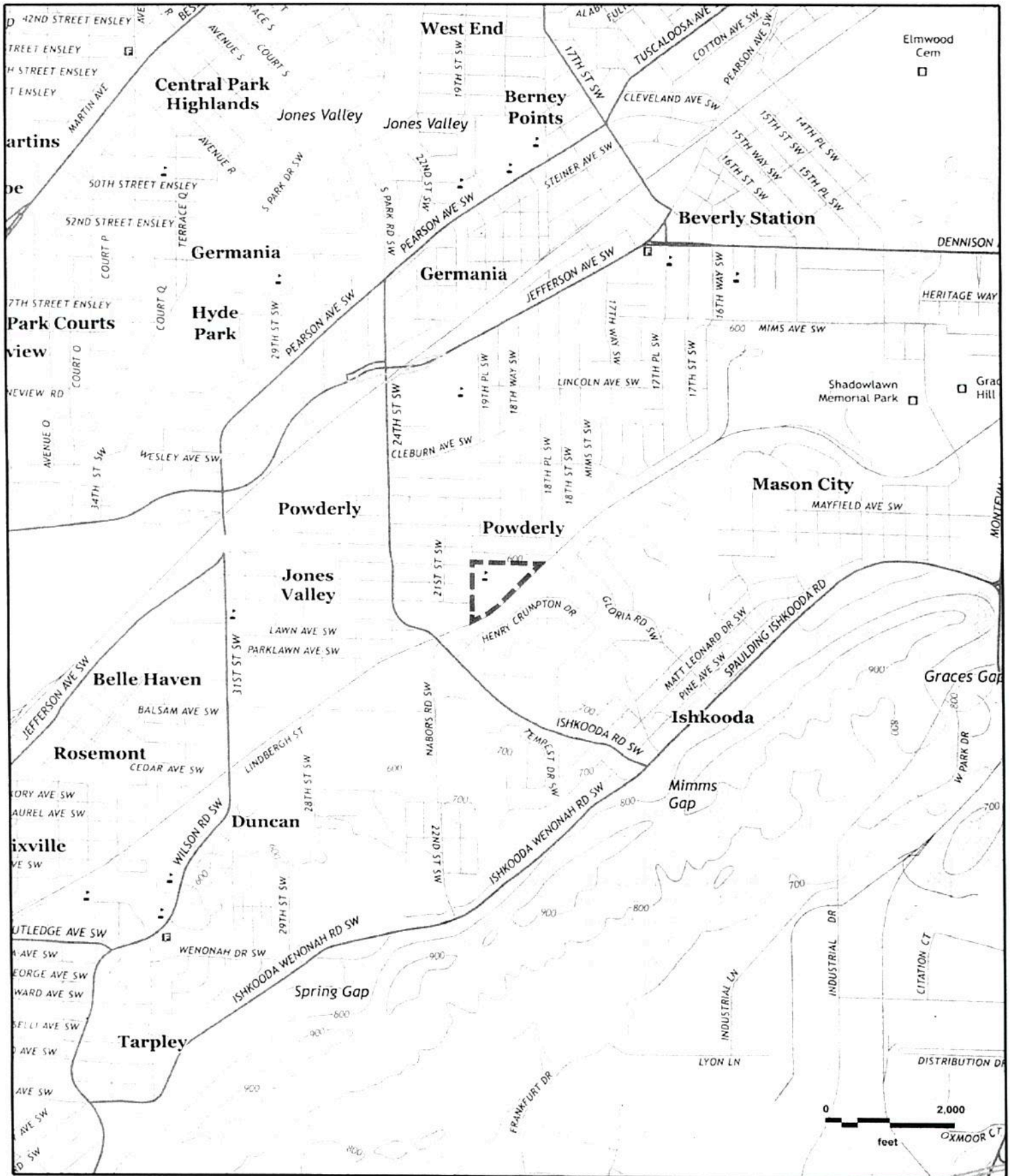
<u>Date</u>	<u>Quadrangle</u>	<u>Scale</u>
	<b>Birmingham South, AL (2014)</b>	<b>1" = 2000'</b>
	<b>Bessemer, AL (2014)</b>	
<b>1997</b>	<b>Birmingham South, AL</b>	<b>1" = 2000'</b>
<b>1959 PHOTOINSPECTED 1988</b>	<b>Birmingham South, AL</b>	<b>1" = 2000'</b>
<b>1959 PHOTOREVISED 1978</b>	<b>Birmingham South, AL</b>	<b>1" = 2000'</b>
<b>1959 PHOTOREVISED 1970</b>	<b>Birmingham South, AL</b>	<b>1" = 2000'</b>
<b>1959</b>	<b>Birmingham South, AL</b>	<b>1" = 2000'</b>
<b>1959 PHOTOINSPECTED 1988</b>	<b>Bessemer, AL</b>	<b>1" = 2000'</b>
<b>1959 PHOTOREVISED 1978</b>	<b>Bessemer, AL</b>	<b>1" = 2000'</b>
<b>1959 PHOTOREVISED 1970</b>	<b>Bessemer, AL</b>	<b>1" = 2000'</b>
<b>1959</b>	<b>Bessemer, AL</b>	<b>1" = 2000'</b>
<b>1905</b>	<b>Bessemer Iron District, AL</b>	<b>1" = 5208'</b>

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Order# 91060 Job# 198009

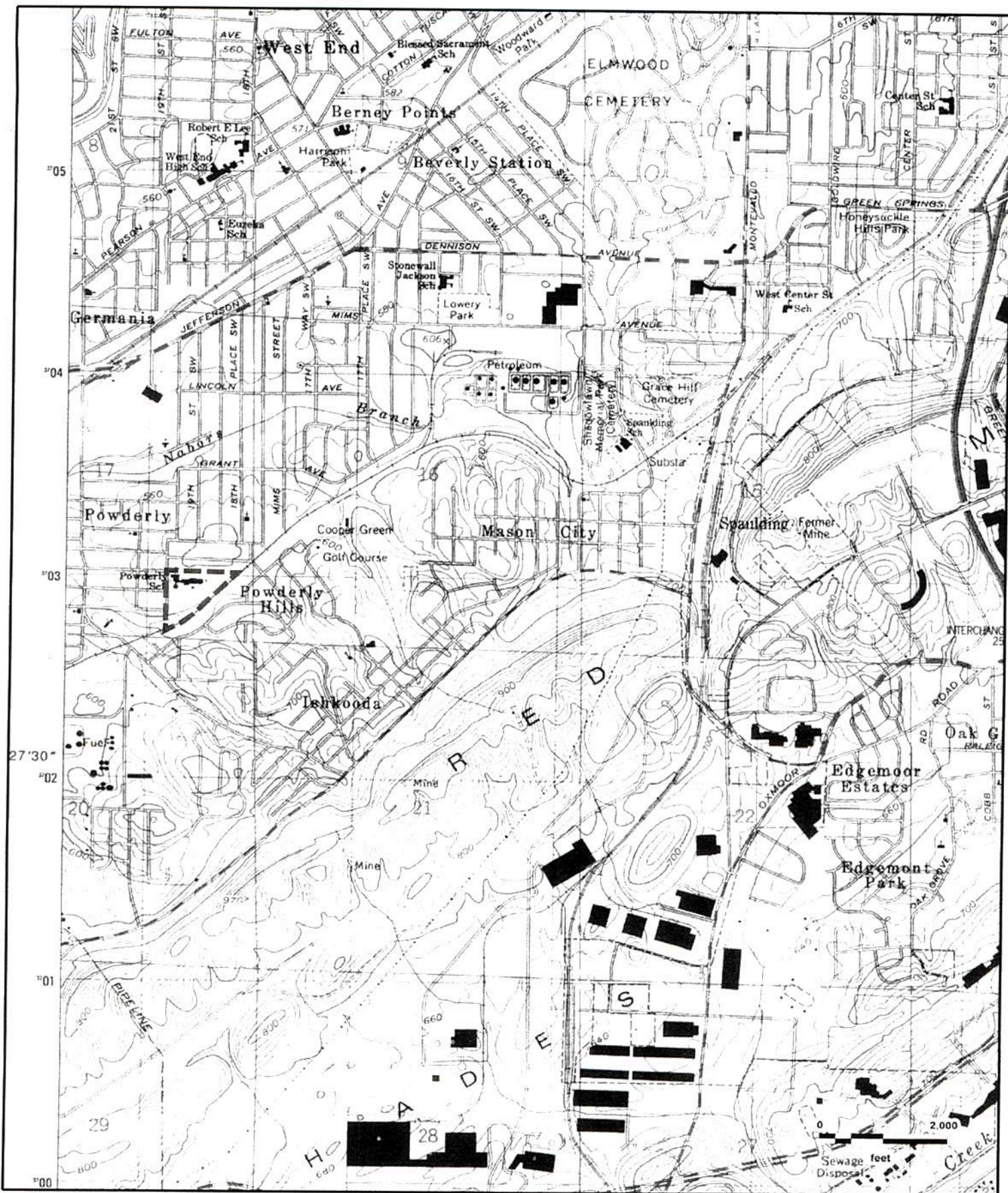




**Powderly Elementary School**  
 Birmingham South, AL (2014), Bessemer, AL (2014)

**GeoSearch**

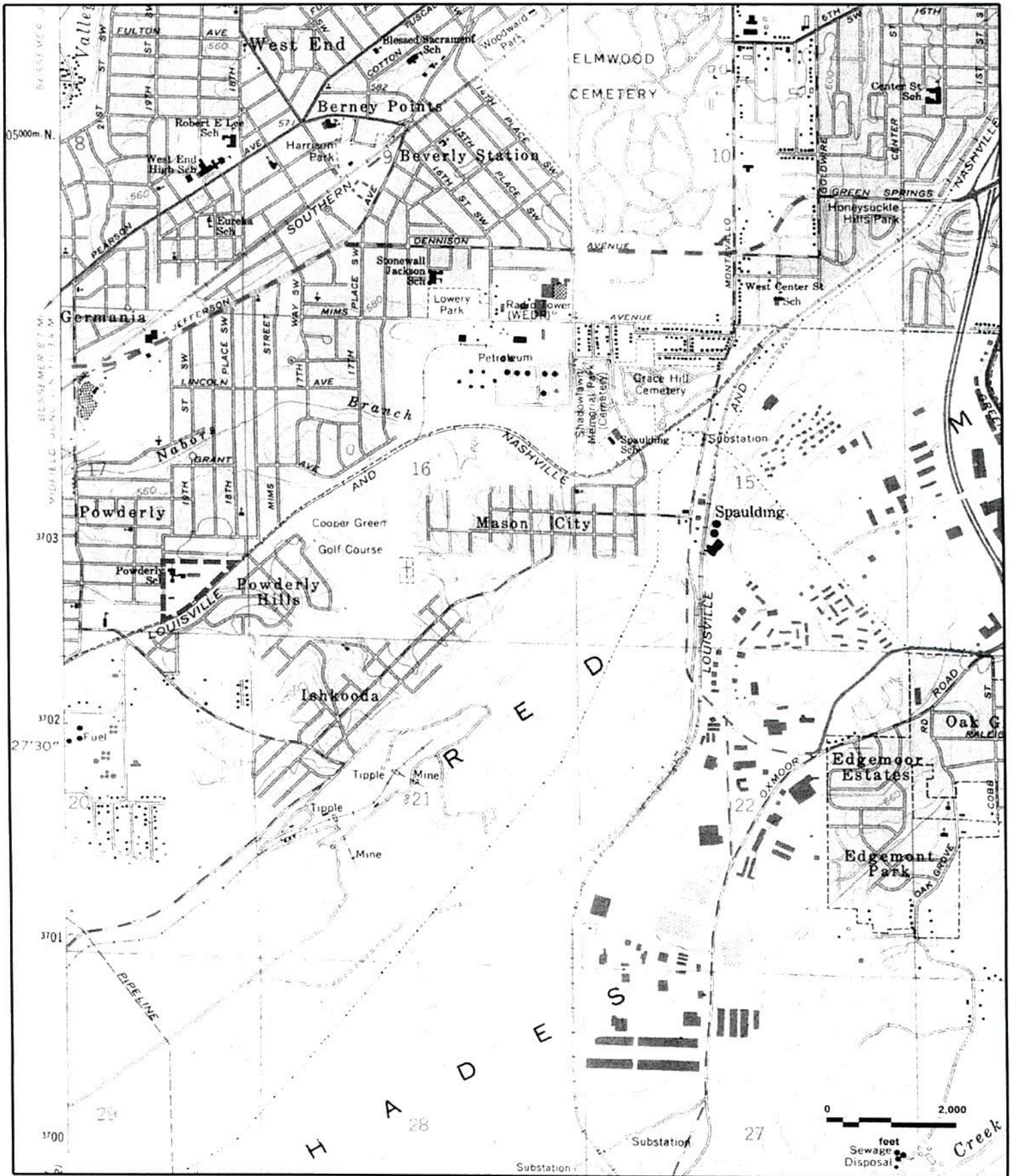




Powderly Elementary School  
Birmingham South, AL (1997)

GeoSearch

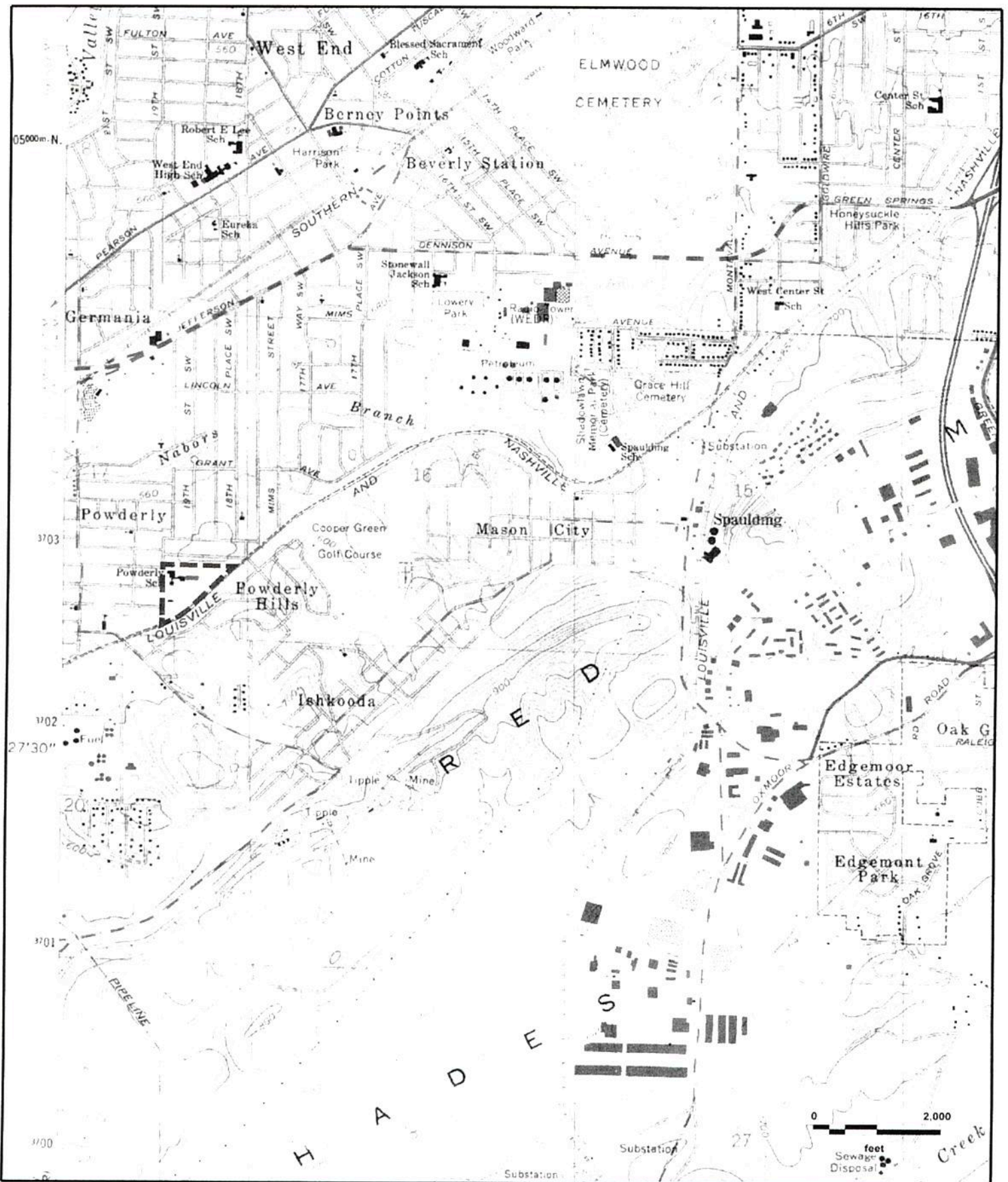




Powderly Elementary School  
Birmingham South, AL (1988)

GeoSearch

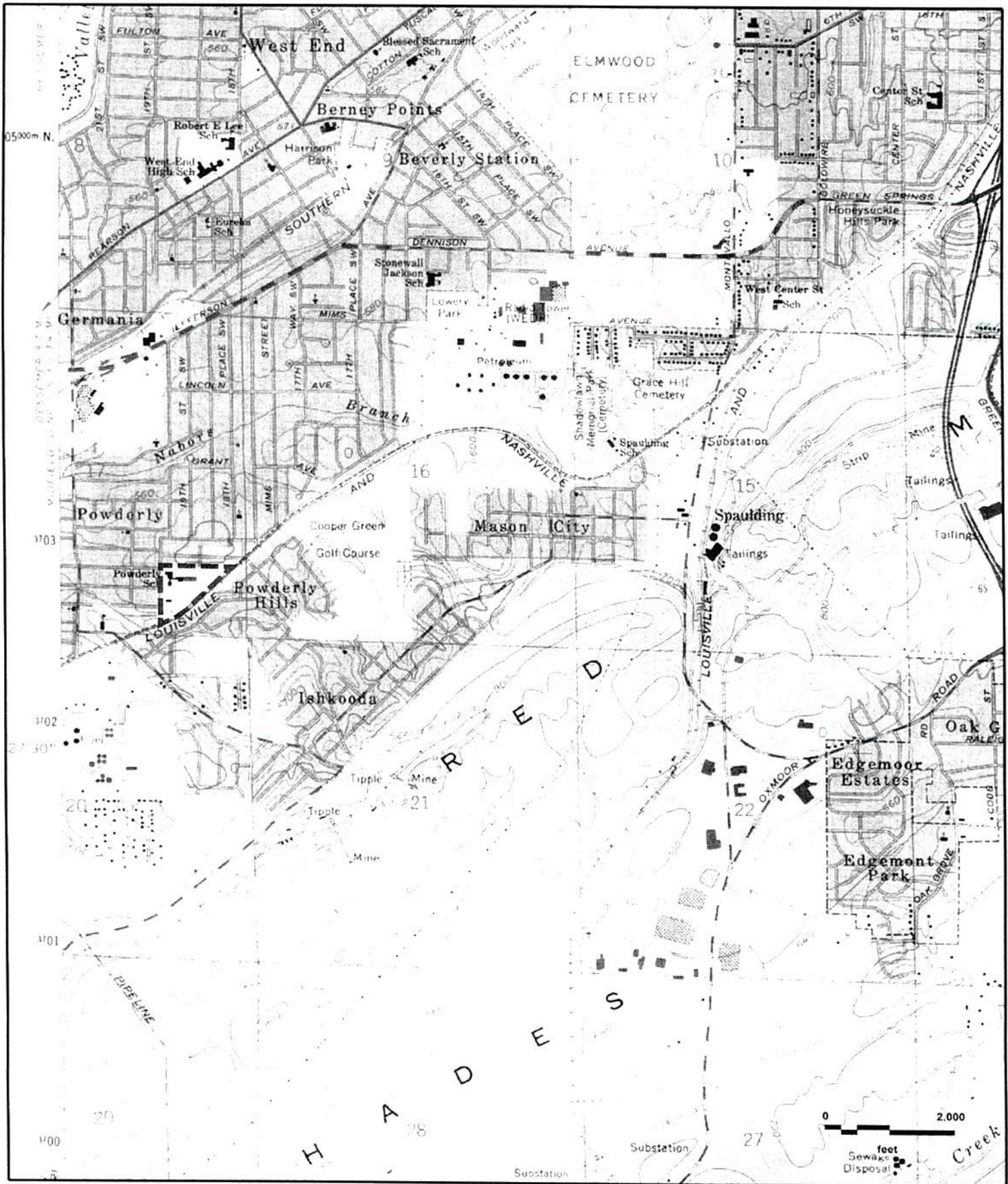




Powderly Elementary School  
Birmingham South, AL (1978)

GeoSearch

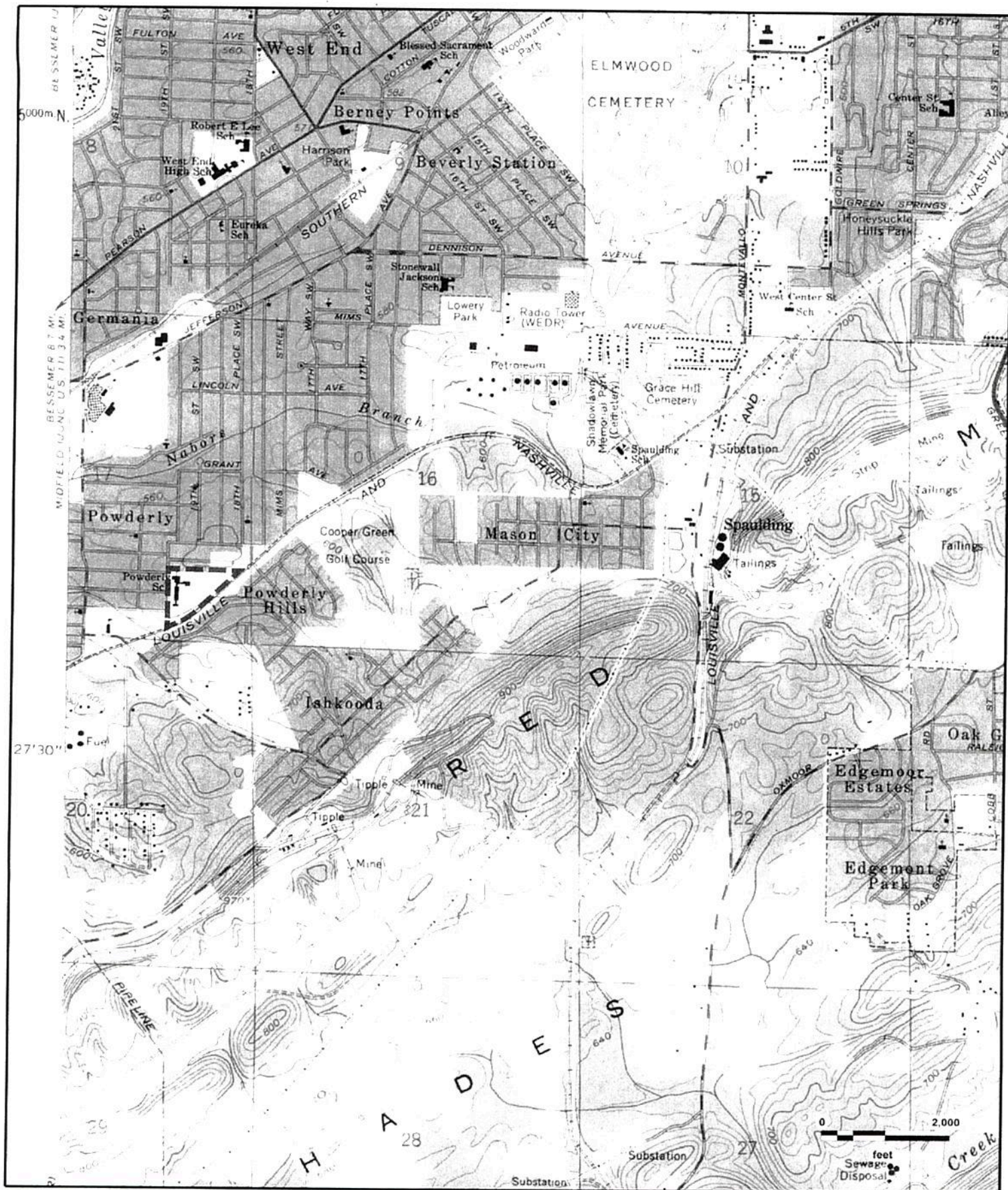




Powderly Elementary School  
Birmingham South, AL (1970)

GeoSearch

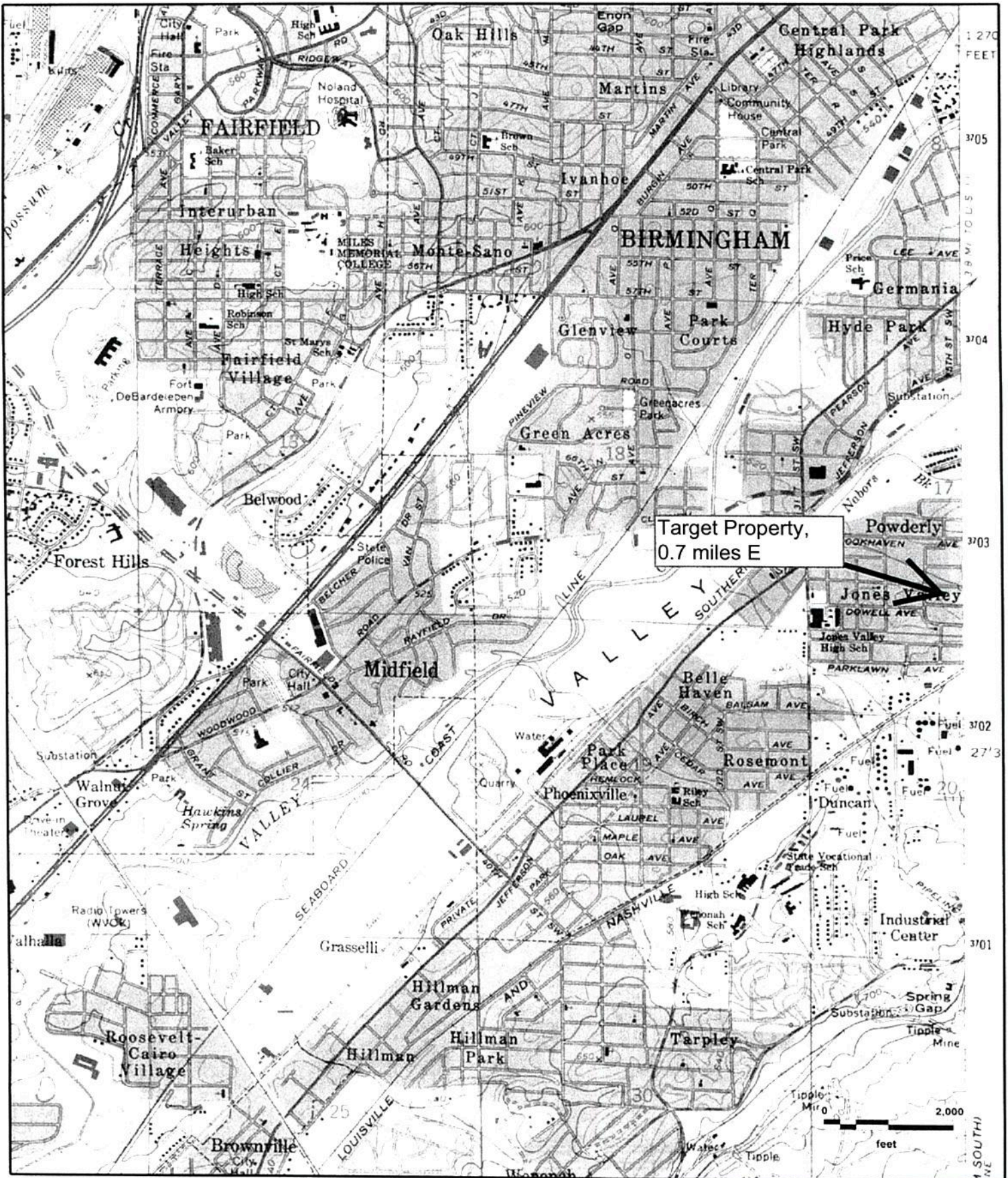




Powderly Elementary School  
Birmingham South, AL (1959)

GeoSearch

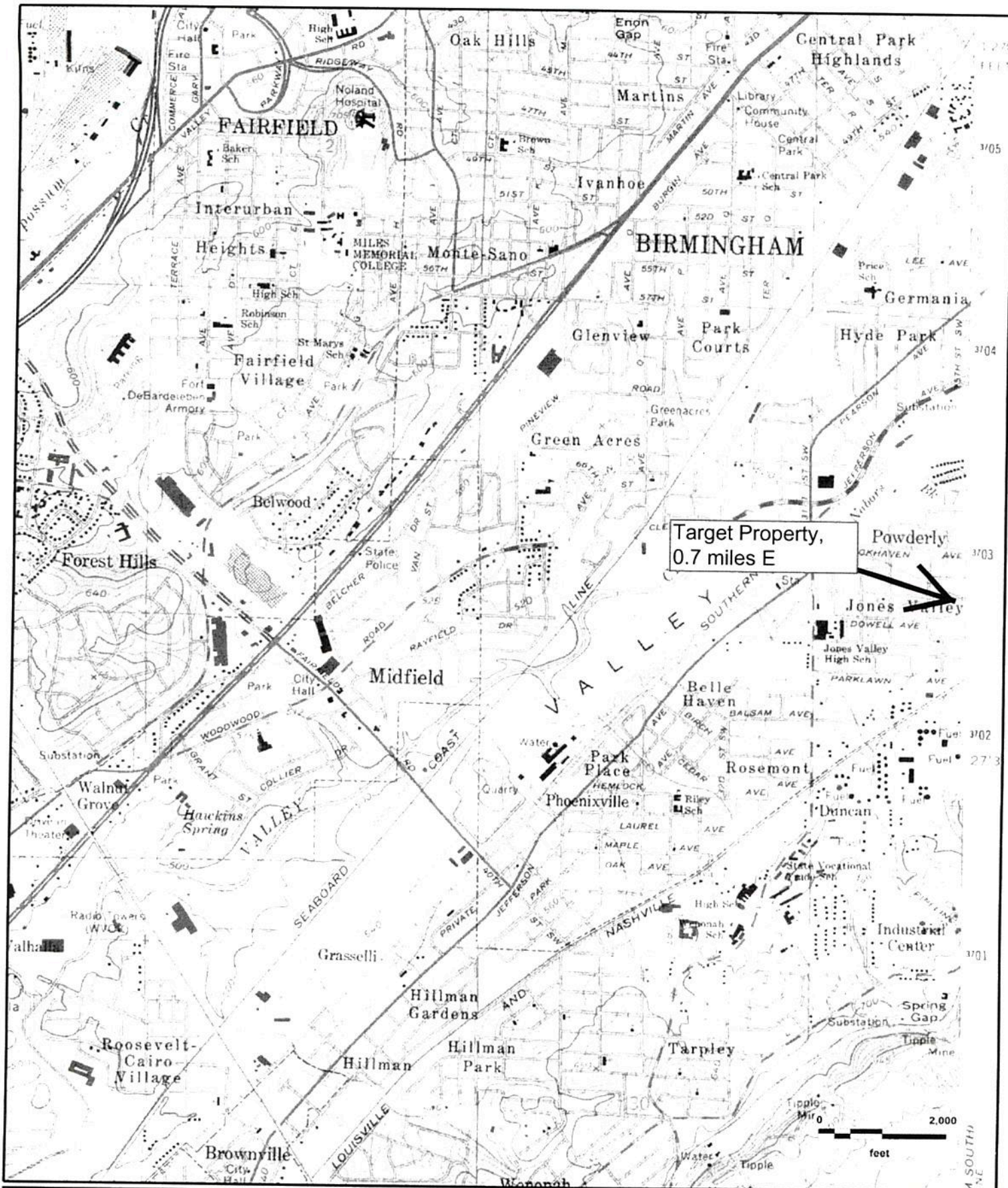




Powderly Elementary School  
Bessemer, AL (1988)

**GeoSearch**

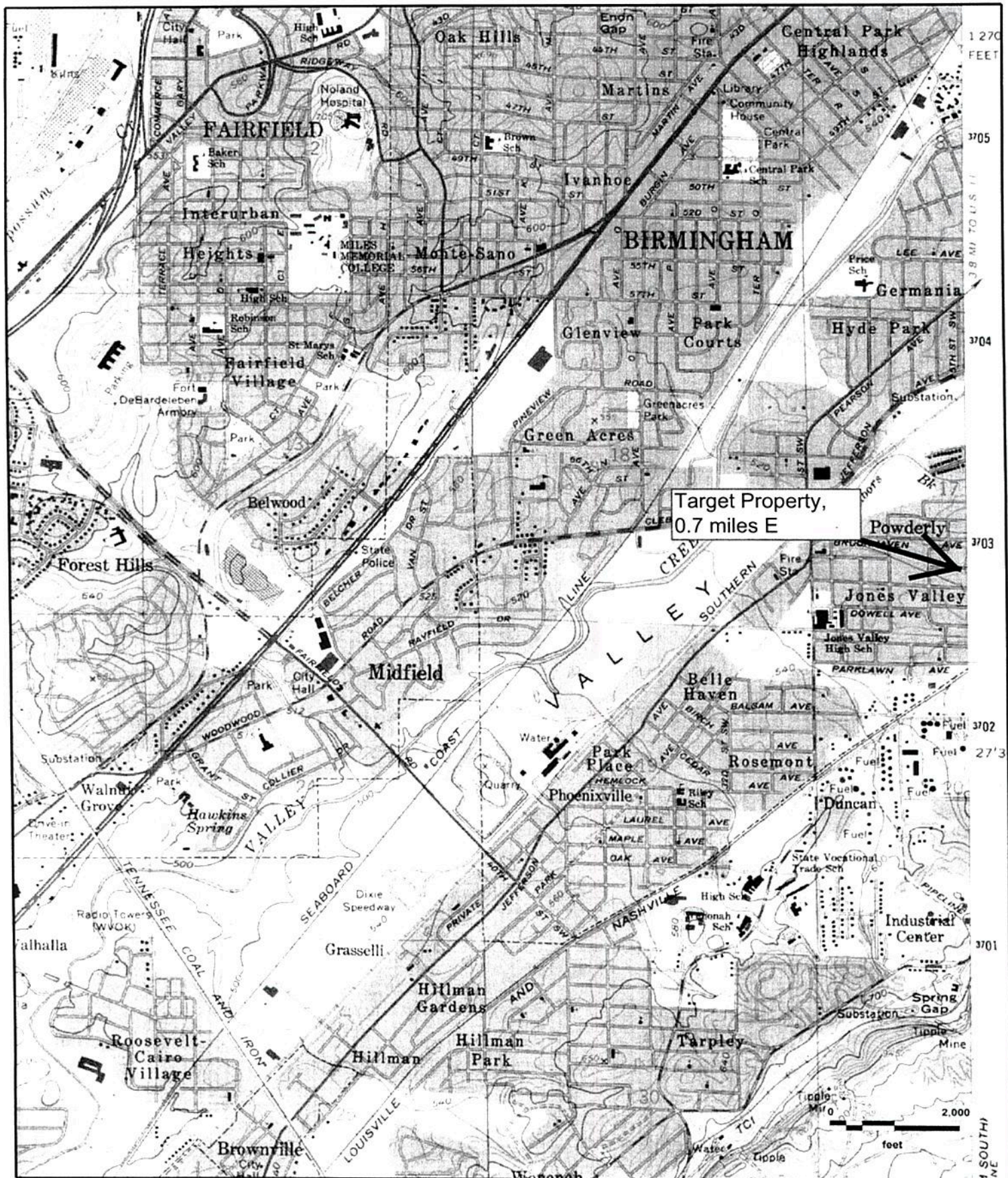




Powderly Elementary School  
Bessemer, AL (1978)

GeoSearch

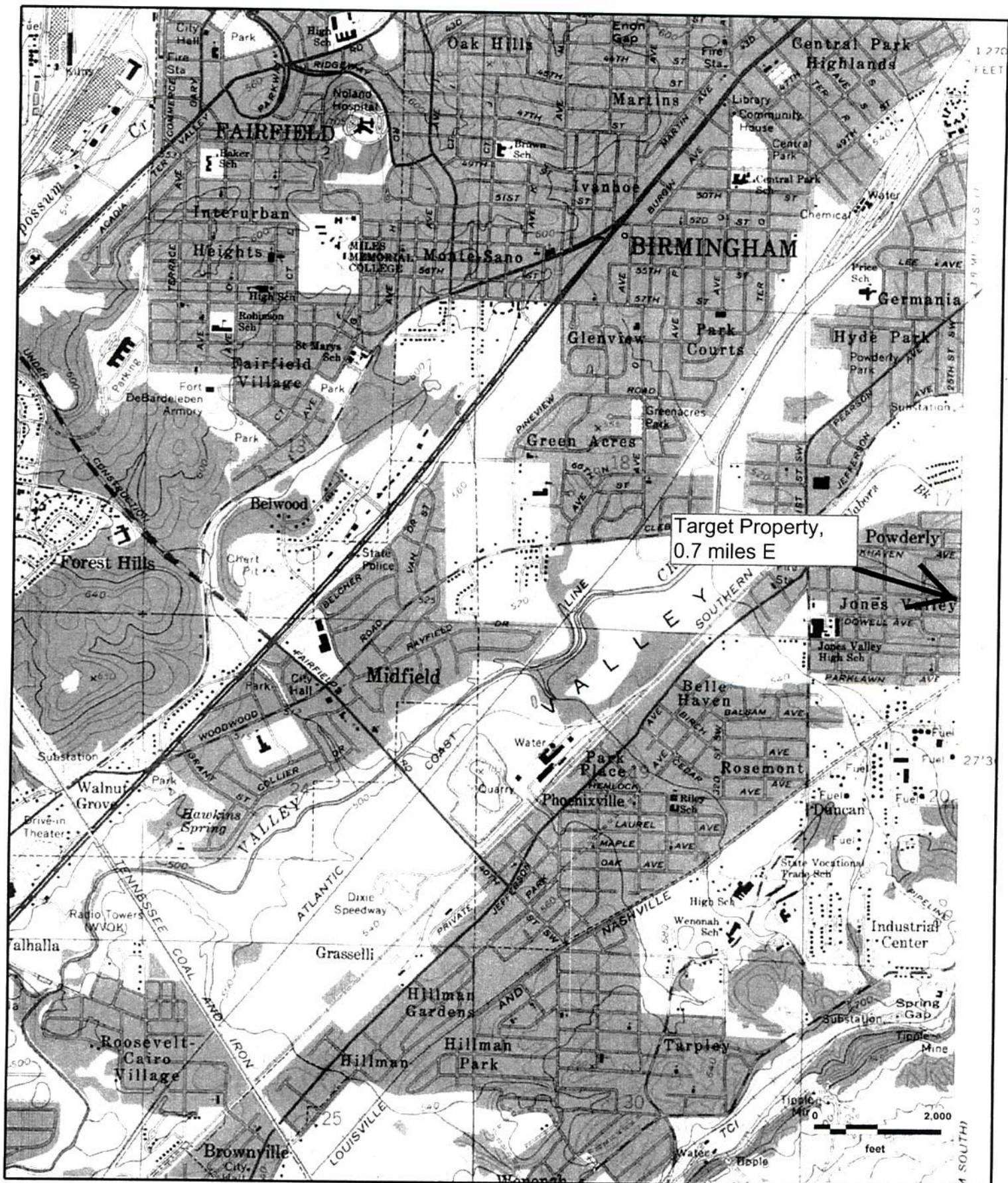




Powderly Elementary School  
Bessemer, AL (1970)

GeoSearch

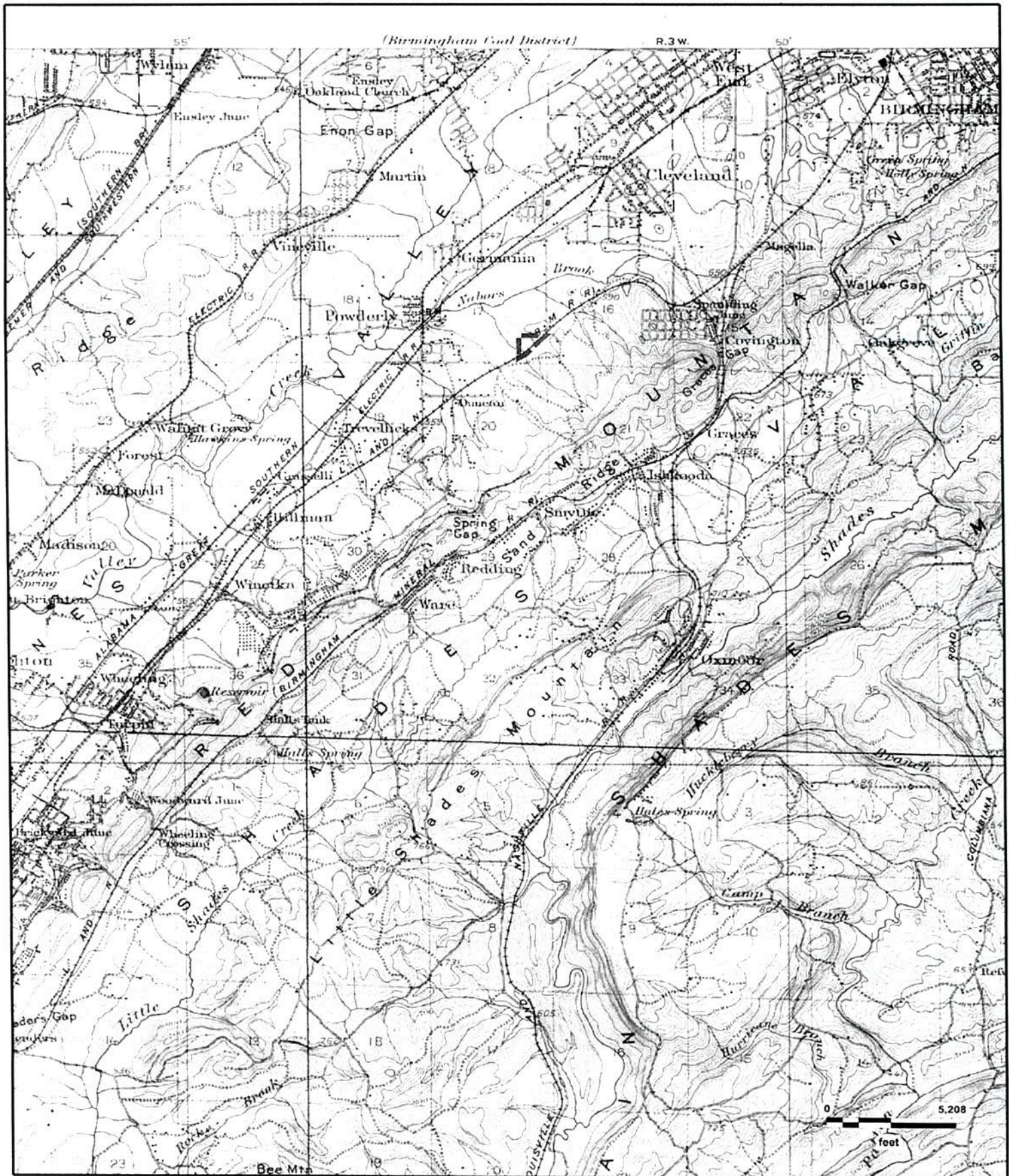




Powderly Elementary School  
Bessemer, AL (1959)

GeoSearch





Powderly Elementary School  
Bessemer Iron District, AL (1905)

GeoSearch

## **APPENDIX B**

### **DESCRIPTION OF TERMS AND ACRONYMS**



## Description of Selected General Terms and Acronyms

Term/Acronym	Description
ACM	<p>Asbestos Containing Material. Asbestos is a naturally occurring mineral, three varieties of which (chrysotile, amosite, crocidolite) have been commonly used as fireproofing or binding agents in construction materials. Exposure to asbestos, as well as ACM, has been documented to cause lung diseases including asbestosis (scarring of the lung), lung cancer and mesothelioma (a cancer of the lung lining).</p> <p>Regulatory agencies have generally defined ACM as a material containing greater than one (1) percent asbestos, however some states (e.g. California) define ACM as materials having 0.1% asbestos. In order to define a homogenous material as non-ACM, a minimum number of samples must be collected from the material dependent upon its type and quantity. Homogenous materials defined as non-ACM must either have 1) no asbestos identified in all of its samples or 2) an identified asbestos concentration below the appropriate regulatory threshold. Asbestos concentrations are generally determined using polarized light microscopy or transmission electron microscopy. Point counting is an analytical method to statistically quantify the percentage of asbestos in a sample. The asbestos component of ACM may either be friable or non-friable. Friable materials, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure and have a higher potential for a fiber release than non-friable ACM. Non-friable ACM are materials that are firmly bound in a matrix by plastic, cement, etc. and, if handled carefully, will not become friable.</p> <p>Federal and state regulations require that either all suspect building materials be presumed ACM or that an asbestos survey be performed prior to renovation, dismantling, demolition, or other activities that may disturb potential ACM. Notifications are required prior to demolition and/or renovation activities that may impact the condition of ACM in a building. ACM removal may be required if the ACM is likely to be disturbed or damaged during the demolition or renovation. Abatement of friable or potentially friable ACM must be performed by a licensed abatement contractor in accordance with state rules and NESHAP. Additionally, OSHA regulations for work classification, worker training and worker protection will apply.</p>
AHERA	Asbestos Hazard Emergency Response Act
AST	Aboveground Storage Tanks. ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a basement, but not buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank size, its contents and the jurisdiction of its location.
BGS	Below Ground Surface
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes. BTEX are VOC components found in gasoline and commonly used as analytical indicators of a petroleum hydrocarbon release.
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (a.k.a. Superfund). CERCLA is the federal act that regulates abandoned or uncontrolled hazardous waste sites. Under this Act, joint and several liability may be imposed on potentially responsible parties for cleanup-related costs.
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System. An EPA compilation of sites having suspected or actual releases of hazardous substances to the environment. CERCLIS also contains information on site inspections, preliminary assessments and remediation of hazardous waste sites. These sites are typically reported to EPA by states and municipalities or by third parties pursuant to CERCLA Section 103.
CESQG	Conditionally exempt small quantity generators.
CFR	Code of Federal Regulations



### Description of Selected General Terms and Acronyms (cont.)

Term/Acronym	Description
CREC	Controlled Recognized Environmental Condition is defined in ASTM E 1527-13 as "a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority) , with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report."
DOT	U.S. Department of Transportation
ERNS	Emergency Response Notification System. An EPA-maintained federal database which stores information on notifications of oil discharges and hazardous substance releases in quantities greater than the applicable reportable quantity under CERCLA. ERNS is a cooperative data-sharing effort between EPA, DOT, and the National Response Center.
ESA	Environmental Site Assessment
FRP	Fiberglass Reinforced Plastic
Hazardous Substance	As defined under CERCLA, this is (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title; (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (with some exclusions); (D) any toxic pollutant listed under section 1317(a) of Title 33; (E) any hazardous air pollutant listed under section 112 of the Clean Air Act; and (F) any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action under section 2606 of Title 15. This term does not include petroleum, including crude oil or any fraction thereof which is not otherwise listed as a hazardous substance under subparagraphs (A) through (F) above, and the term include natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
Hazardous Waste	This is defined as having characteristics identified or listed under section 3001 of the Solid Waste Disposal Act (with some exceptions). RCRA, as amended by the Solid Waste Disposal Act of 1980, defines this term as a "solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."
HREC	Historical Recognized Environmental Condition is defined in ASTM E 1527-13 as "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition."
ILP	Innocent Landowner/Operator Program
LQG	Large quantity generators.
LUST	Leaking Underground Storage Tank. This is a federal term set forth under RCRA for leaking USTs. Some states also utilize this term.
MCL	Maximum Contaminant Level. This Safe Drinking Water concept (and also used by many states as a ground water cleanup criteria) refers to the limit on drinking water contamination that determines whether a supplier can deliver water from a specific source without treatment.



### Description of Selected General Terms and Acronyms (cont.)

<b>Term/Acronym</b>	<b>Description</b>
PCB	Polychlorinated Biphenyl. A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit manufacturing of PCB-containing equipment; however, some of this equipment may still be in use today.
pCi/L	Pico Curies per Liter of Air. Unit of measurement for Radon and similar radioactive materials.
PLM	Polarized Light Microscopy (see ACM section of the report, if included in the scope of services)
PST	Petroleum Storage Tank. An AST or UST that contains a petroleum product.
Radon	A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Radon concentrations are measured in Pico Curies per Liter of Air. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Outdoors, radon is diluted to such low concentrations that it usually does not present a health concern. However, radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the underlying soil and ground water. The EPA recommended annual average indoor "action level" concentration for residential structures is 4.0 pCi/l.
RCRA	Resource Conservation and Recovery Act. Federal act regulating solid and hazardous wastes from point of generation to time of disposal ('cradle to grave'). 42 U.S.C. 6901 et seq.
RCRA Generators	The RCRA generators list is part of the RCRIS database maintained by EPA and lists facilities that generate hazardous waste as part of their normal business operations, as more particularly defined under Section 4.1 of this report.
RCRA CORRACTS/TS Ds	The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous materials which are undergoing "corrective action". A "corrective action" order is issued when there is a release of hazardous waste or constituents into the environment from a RCRA facility.
RCRA Non-CORRACTS/TS Ds	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.
RCRA Violators List	RAATS. RCRA Administrative Actions Taken. RAATS information is now contained in the RCRIS database and includes records of administrative enforcement actions against facilities for noncompliance.
RCRIS	Resource Conservation and Recovery Information System, as defined in the Records Review section of this report.
REC	Recognized Environmental Conditions are defined by ASTM E1527-13 as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment; 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment. <i>De minimis</i> conditions are not recognized environmental conditions."
SCL	State "CERCLIS" List (see SPL /State Priority List, below).



### Description of Selected General Terms and Acronyms (cont.)

<b>Term/Acronym</b>	<b>Description</b>
MSDS	Material Safety Data Sheets. Written/printed forms prepared by chemical manufacturers, importers and employers which identify the physical and chemical traits of hazardous chemicals under OSHA's Hazard Communication Standard.
NESHAP	National Emissions Standard for Hazardous Air Pollutants (Federal Clean Air Act). This part of the Clean Air Act regulates emissions of hazardous air pollutants.
NFRAP	Facilities where there is "No Further Remedial Action Planned," as more particularly described under the Records Review section of this report.
NOV	Notice of Violation. A notice of violation or similar citation issued to an entity, company or individual by a state or federal regulatory body indicating a violation of applicable rule or regulations has been identified.
NPDES	National Pollutant Discharge Elimination System (Clean Water Act). The federal permit system for discharges of polluted water.
NPL	National Priorities List, as more particularly described under the Records Review section of this report.
NWI	National Wetlands Inventory (NWI), established by the United States Fish and Wildlife Service (FWS) to conduct a nationwide inventory of U.S. wetlands to provide biologists and others with information on the distribution and type of wetlands to aid in conservation efforts.
OSHA	Occupational Safety and Health Administration or Occupational Safety and Health Act
PACM	Presumed Asbestos-Containing Material. A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos.
SPCC	Spill Prevention, Control and Countermeasures. SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.
SPL	State Priority List. State list of confirmed sites having contamination in which the state is actively involved in clean up activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as a State "CERCLIS" List.
SQG	Small quantity generator.
SWF	Solid Waste Facility
TPH	Total Petroleum Hydrocarbons
TRI	Toxic Release Inventory. Routine EPA report on releases of toxic chemicals to the environment based upon information submitted by entities subject to reporting under the Emergency Planning and Community Right to Know Act.
TSCA	Toxic Substances Control Act. A federal law regulating manufacture, import, processing and distribution of chemical substances not specifically regulated by other federal laws (such as asbestos, PCBs, lead-based paint and radon). 15 U.S.C 2601 et seq.
USACE	United States Army Corps of Engineers
USC	United States Code
USGS	United States Geological Survey
USNRCS	United States Department of Agriculture-Natural Resource Conservation Service
UST	Underground Storage Tank. Most federal and state regulations, as well as ASTM E1527-13, define this as any tank, incl., underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground (i.e., buried).
VCP	Voluntary Cleanup Program
VOC	Volatile Organic Compound

Term/Acronym	Description
Wetlands	<p>Areas that are typically saturated with surface or ground water that creates an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). The <u>Corps of Engineers Wetlands Delineation Manual</u> (Technical Report Y-87-1) defines wetlands as areas inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. For an area to be considered a jurisdictional wetland, it must meet the following criteria: more than 50 percent of the dominant plant species must be categorized as Obligate, Facultative Wetland, or Facultative on lists of plant species that occur in wetlands; the soil must be hydric; and, wetland hydrology must be present.</p> <p>The federal Clean Water Act which regulates "waters of the US," also regulates wetlands, a program jointly administered by the USACE and the EPA. Waters of the U.S. are defined as: (1) waters used in interstate or foreign commerce, including all waters subject to the ebb and flow of tides; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, etc., which the use, degradation, or destruction could affect interstate/ foreign commerce; (4) all impoundments of waters otherwise defined as waters of the U. S., (5) tributaries of waters identified in 1 through 4 above; (6) the territorial seas; and (7) wetlands adjacent to waters identified in 1 through 6 above. Only the USACE has the authority to make a final wetlands jurisdictional determination.</p>



**APPENDIX C**  
**HISTORICAL DOCUMENTATION AND USER QUESTIONNAIRE**

# User Questionnaire

User Questionnaire Item	User Did Not Respond	User's Response	
		Yes	No
Aware of any Environmental Cleanup Liens against the site.			✓
Actual Knowledge of Environmental Liens or Activity Use Limitations (AULs) that may encumber the site.			✓
Aware of any Specialized Knowledge or Experience related to the site or nearby properties.			✓
Actual Knowledge of a Significantly Lower Purchase Price because of hazardous substances or petroleum products.			✓
Commonly Known or Reasonably Ascertainable Information that is material to a release in connection with the site.			✓
Obvious Indicators of Contamination at the site.			✓

Completed By:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Printed Name & Title: \_\_\_\_\_

Exemption 6 Personal Privacy

Organization Name: \_\_\_\_\_

WEST END HILLS CDC





On time. On target. In touch.™

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## ***Historical Aerial Photographs***

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*Target Property:*

***Powderly Elementary School  
1901 20th St SW  
Birmingham, Jefferson, Alabama 35211***

*Prepared For:*

***BFA Environmental Inc***

***Order #: 91060***

***Job #: 198010***

***Project #: 2016-26***

***Date: 8/2/2017***

**GeoSearch** [www.geo-search.com](http://www.geo-search.com) 888-396-0042

Order# 91060 Job# 198010

## Target Property Summary

**Powderly Elementary School**

**1901 20th St SW**

**Birmingham, Jefferson, Alabama 35211**

USGS Quadrangle: **Birmingham South**

Target Property Geometry: **Area**

Target Property Longitude(s)/Latitude(s):

(-86.869845986, 33.464294478), (-86.869835258, 33.466655099), (-86.866165996, 33.466579155),  
(-86.867367625, 33.465610864), (-86.867828965, 33.465231140), (-86.868467331, 33.464693193),  
(-86.868982315, 33.464364095), (-86.869604588, 33.464110942), (-86.869862080, 33.463984365)

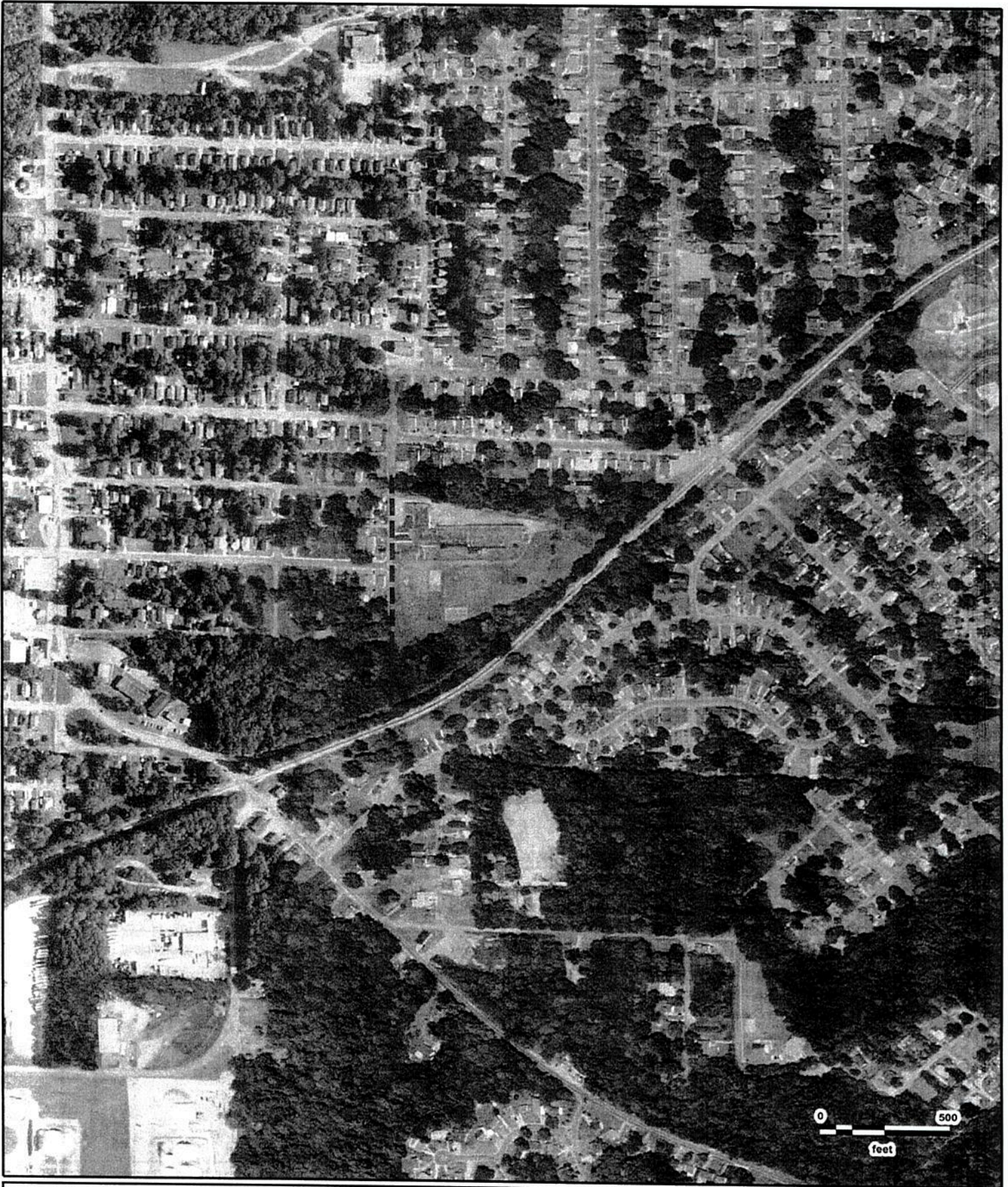


## ***Aerial Research Summary***

<u>Date</u>	<u>Source</u>	<u>Scale</u>	<u>Frame</u>
2015	USDA	1" = 500'	N/A
2006	USDA	1" = 500'	N/A
03/06/1997	USGS	1" = 500'	N/A
02/25/1990	USGS	1" = 500'	1-55
02/24/1981	USGS	1" = 500'	367-72
12/02/1975	USGS	1" = 500'	4-15
02/21/1970	USGS	1" = 500'	1-443
11/15/1960	ASCS	1" = 500'	6-14
03/07/1952	AMS	1" = 500'	1374
02/17/1941	ASCS	1" = 500'	4-52

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Powderly Elementary School  
USDA  
2015

GeoSearch





0 500  
feet



*Powderly Elementary School*  
USDA  
2006

**GeoSearch**





Powderly Elementary School  
USGS  
03/06/1997

GeoSearch





0 500  
feet



*Powderly Elementary School*  
USGS  
02/25/1990

**GeoSearch**





Powderly Elementary School  
USGS  
02/24/1981

GeoSearch





0 500  
feet



*Powderly Elementary School*  
USGS  
12/02/1975

**GeoSearch**





Powderly Elementary School  
USGS  
02/21/1970

GeoSearch





0 500  
feet



Powderly Elementary School  
ASCS  
11/15/1960

**GeoSearch**





Powderly Elementary School  
AMS  
03/07/1952

GeoSearch





Powderly Elementary School  
ASCS  
02/17/1941

GeoSearch

# GeoSearch FIM

**Date:** 07/31/17  
**GS Job Number:** 91060  
**Company Name:** BFA Environmental  
**Project Number:** 2016-26  
**Site Information:** Powderly Elementary School  
1901 20th St SW, Birmingham, Jefferson, Alabama, 35211

The collections of fire insurance maps listed below were reviewed according to the site information supplied by client. Based on the information provided, no coverage is available.

Library of Congress  
University Publications of America  
Other Libraries (universities, state, local, etc.).

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***City Directory Target Property Address***

---

***Target Property:***

1901 20th St SW,  
Birmingham, AL 35211

***Prepared For:***

BFA Environmental Inc

Order #: 91060

Project #: 2016-26

***Date: 8/3/2017***

**City Directory Target Property Address****1901 20th St SW, Birmingham, AL 35211**20TH ST SW

1960	STREET BEGINS	R.L. POLK & CO.	BIRMINGHAM
1960	X [FRANCIS AVE INTS]	R.L. POLK & CO.	BIRMINGHAM
1954	STREET BEGINS	R.L. POLK & CO.	BIRMINGHAM
1954	X [FRANCIS AVE INTS]	R.L. POLK & CO.	BIRMINGHAM
1950-51	RANGE NOT LISTED - LISTINGS END WITH 1107	R.L. POLK & CO.	BIRMINGHAM
1946	RANGE NOT LISTED - LISTINGS END WITH 1107	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)

1027 20TH ST SW

2016		INFOUSA	SOUTH EAST
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1701 20TH ST SW

1960	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
1954		R.L. POLK & CO.	BIRMINGHAM

1705 20TH ST SW

2010	NO CURRENT LISTING	R.L. POLK & CO.	BIRMINGHAM
2010	T [FRANCIS AVE SW CONTINUES]	R.L. POLK & CO.	BIRMINGHAM
2010	U [FRANCIS AVE SW INTS]	R.L. POLK & CO.	BIRMINGHAM
2010	V [FRANCIS AVE SW CONTINUES]	R.L. POLK & CO.	BIRMINGHAM
2010	W [FRANCIS AVE SW INTS]	R.L. POLK & CO.	BIRMINGHAM
2010	X [SNAVELY AVE SW INTS]	R.L. POLK & CO.	BIRMINGHAM
2010	Y [DAWSON AVE SW INTS]	R.L. POLK & CO.	BIRMINGHAM
2010	Z [DAWSON AVE SW CONTINUES]	R.L. POLK & CO.	BIRMINGHAM
2006		R.L. POLK & CO.	BIRMINGHAM
2006	V [FRANCIS AVE SW CONTINUES]	R.L. POLK & CO.	BIRMINGHAM
2006	W [FRANCIS AVE SW INTS]	R.L. POLK & CO.	BIRMINGHAM
2006	X [FRANCIS AVE SW INTS]	R.L. POLK & CO.	BIRMINGHAM
2006	Y [SNAVELY AVE SW INTS]	R.L. POLK & CO.	BIRMINGHAM
2006	Z [DAWSON AVE SW INTS]	R.L. POLK & CO.	BIRMINGHAM
1991		R.L. POLK & CO.	BIRMINGHAM
1991	X [SNAVELY AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM
1985		R.L. POLK & CO.	BIRMINGHAM
1985	X [SNAVELY AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM



# City Directory Target Property Address

1901 20th St SW, Birmingham, AL 35211

1981	Y [DAWSON AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1981		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1981	X [SNAVELY AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	X [SNAVELY AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	Y [DAWSON AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	X [SNAVELY AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	Y [DAWSON AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	X [SNAVELY AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	Y [DAWSON AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1960		R.L. POLK & CO.	BIRMINGHAM
1960	X [SNAVELY AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM
1960	Y [DAWSON AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM
1954		R.L. POLK & CO.	BIRMINGHAM
1954	X [SNAVELY AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM
1954	Y [DAWSON AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM
<u>1901 20TH ST SW</u>			
2016	POWDERLY ELEMENTARY SCHOOL	INFOUSA	SOUTH EAST

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2010	Y [HENRY CRUMPTON DR C ONTINUES]	R.L. POLK & CO.	BIRMINGHAM
2010	POWDERLY ELEMENTARY SCHOOL [SCHOOL SITE] Exemption of Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
2010		R.L. POLK & CO.	BIRMINGHAM
2010	X [CARLOS AVE SW INTS]	R.L. POLK & CO.	BIRMINGHAM
2006	POWDERLY ELEMENRTARY SCHOOL [SCHOOLS]	R.L. POLK & CO.	BIRMINGHAM
2006	X [CARLOS AVE SW INTS]	R.L. POLK & CO.	BIRMINGHAM
2006	Y [HENRY CRUMPTON DR CONTINUES]	R.L. POLK & CO.	BIRMINGHAM
2001	BIRMINGHAM CITY OF	R.L. POLK & CO.	BIRMINGHAM
2001	BIRMINGHAM CITY OF SCHOOLS	R.L. POLK & CO.	BIRMINGHAM
2001	BOARD OF EDUC CTY OF BRMNGHM ALBM PWDRLY ELEM [ELEMENTARY/SECONDARY]	R.L. POLK & CO.	BIRMINGHAM
2001	X [DAWSON AVE SW BEGINS]	R.L. POLK & CO.	BIRMINGHAM
2001	Y [CARLOS AVE SW BEGINS]	R.L. POLK & CO.	BIRMINGHAM
2001	Z [HENRY CRUMPTON DR CONTINUES]	R.L. POLK & CO.	BIRMINGHAM
1995	POWDERLY ELEMENTARY SCHOOL	R.L. POLK & CO.	BIRMINGHAM
1995	X [DAWSON AV INTS]	R.L. POLK & CO.	BIRMINGHAM
1995	Y [CARLOS AV INTS]	R.L. POLK & CO.	BIRMINGHAM
1995	Z [HENRY CRUMPTON DR INTS]	R.L. POLK & CO.	BIRMINGHAM
1991	POWDERLY ELEMENTARY SCHOOL	R.L. POLK & CO.	BIRMINGHAM
1991	X [DAWSON AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM
1991	Y [CARLOS AV BEGINS] (NOT OPEN)	R.L. POLK & CO.	BIRMINGHAM
1991	Z [HENRY CRUMPTON DR INTS]	R.L. POLK & CO.	BIRMINGHAM
1985	POWDERLY ELEMENTARY SCHOOL	R.L. POLK & CO.	BIRMINGHAM
1985	X [DAWSON AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM
1985	Y [CARLOS AV BEGINS] (NOT OPEN)	R.L. POLK & CO.	BIRMINGHAM
1985	Z [HENRIETTA DR INTS]	R.L. POLK & CO.	BIRMINGHAM
1981	POWDERLY ELEMENTARY SCHOOL	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1981	X [CARLOS AV BEGINS] (NOT OPEN)	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1981	Y [HENRIETTA DR INTS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)



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1976	POWDERLY ELEMENTARY SCHOOL	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	X [CARLOS AV BEGINS] (NOT OPEN)	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	Y [HENRIETTA DR INTS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	POWDERLY ELEMENTARY SCHOOL	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	X [CARLOS AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	Y [END OF LISTINGS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	Y [END OF LISTINGS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	POWDERLY ELEM SCH	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	X [L&NRR CROSSES]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1960	POWDERLY SCH	R.L. POLK & CO.	BIRMINGHAM
1960	X [CARLOS AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM
1960	Y [LNRR CROSSES]	R.L. POLK & CO.	BIRMINGHAM
1960	Z [END OF LISTINGS]	R.L. POLK & CO.	BIRMINGHAM
1954	Z [END OF LISTINGS]	R.L. POLK & CO.	BIRMINGHAM
1954	POWDERLY SCH	R.L. POLK & CO.	BIRMINGHAM
1954	X [CARLOS AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM
1954	Y [LNRR CROSSES]	R.L. POLK & CO.	BIRMINGHAM
<u>2212 20TH ST SW</u>			
2010	NO CURRENT LISTING	R.L. POLK & CO.	BIRMINGHAM
2006	Exemption Certificate	R.L. POLK & CO.	BIRMINGHAM
2001		R.L. POLK & CO.	BIRMINGHAM
2001		R.L. POLK & CO.	BIRMINGHAM
1995		R.L. POLK & CO.	BIRMINGHAM

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1991		R.L. POLK & CO.	BIRMINGHAM
1985		R.L. POLK & CO.	BIRMINGHAM
1981		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
<i>Exemption 6 Personal Privacy</i>			
<u>2225 20TH ST SW</u>			
2016	Exemption 6 Personal Privacy	INFOUSA	SOUTH EAST
<u>1021-1023 20TH ST SW</u>			
2001	NOT VERIFIED (2 HSES)	R.L. POLK & CO.	BIRMINGHAM
2001	W [GREELY AVE ENDS]	R.L. POLK & CO.	BIRMINGHAM
2001	X [JACKSON AVE SW CONTINUES]	R.L. POLK & CO.	BIRMINGHAM
2001	Y [FRANCIS AVE SW INTS]	R.L. POLK & CO.	BIRMINGHAM
2001	Z [SNAVELY AVE SW BEGINS]	R.L. POLK & CO.	BIRMINGHAM
<u>1701-1705 20TH ST SW</u>			
1995	VACANT (2 HSES)	R.L. POLK & CO.	BIRMINGHAM
1995	X [SNAVELY AV INTS]	R.L. POLK & CO.	BIRMINGHAM

Comment:





On time. On target. In touch.

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## ***City Directory Target Property Address***

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***Target Property:***

24th St SW,  
Birmingham, AL 35211

***Prepared For:***

BFA Environmental Inc

Order #: 91060

Project #: 2016-26

***Date: 8/3/2017***

# City Directory Target Property Address

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## 24TH ST SW

1950-51	RANGE NOT LISTED - LISTINGS END WITH 1020	R.L. POLK & CO.	BIRMINGHAM
1946	RANGE NOT LISTED - LISTINGS END WITH 1020	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)

## 1806 24TH ST SW

2016	ATM	INFOUSA	SOUTH EAST
2001	TRIPLE P FOD STORE [CONVENIENCE STORES]	R.L. POLK & CO.	BIRMINGHAM
2001	W [DAWSON AVE SW INTS]	R.L. POLK & CO.	BIRMINGHAM
2001	X [CARLOS AVE SW INTS]	R.L. POLK & CO.	BIRMINGHAM
2001	Y [COLLEGE AVE SW INTS]	R.L. POLK & CO.	BIRMINGHAM
2001	Z [LAWN AVE SW BEGINS]	R.L. POLK & CO.	BIRMINGHAM

## 1809 24TH ST SW

2010		R.L. POLK & CO.	BIRMINGHAM
2010	X [DAWSON AVE SW INTS]	R.L. POLK & CO.	BIRMINGHAM
2010	Y [CARLOS AVE SW INTS]	R.L. POLK & CO.	BIRMINGHAM
2010	Z [ISHKOODA RD SW INTS]	R.L. POLK & CO.	BIRMINGHAM
2006		R.L. POLK & CO.	BIRMINGHAM

## 1820 24TH ST SW

1995	X [DAWSON AV INTS]	R.L. POLK & CO.	BIRMINGHAM
1995	NOT VERIFIED	R.L. POLK & CO.	BIRMINGHAM
1991	GRANT BARBER SHOP	R.L. POLK & CO.	BIRMINGHAM
1991	X [DAWSON AV INTS]	R.L. POLK & CO.	BIRMINGHAM
1985	GRANT BARBER SHOP	R.L. POLK & CO.	BIRMINGHAM
1985	X [DAWSON AV INTS]	R.L. POLK & CO.	BIRMINGHAM
1981	GRANT BARBER SHOP	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1981	X [DAWSON AV INTS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	GRANT BARBER SHOP	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)



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1976	X [DAWSON AV INTS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	GIVAN'S LUNCH	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	X [DAWSON AV INTS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	GIVAN'S LUNCH [RESTR]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	X [DAWSON AV INTS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1960	GIVAN LUNCH [RESTR]	R.L. POLK & CO.	BIRMINGHAM
1960	X [DAWSON AV INTS]	R.L. POLK & CO.	BIRMINGHAM
1954	GIVAN LUNCH	R.L. POLK & CO.	BIRMINGHAM
1954	X [DAWSON AV INTS]	R.L. POLK & CO.	BIRMINGHAM
<u>1900 24TH ST SW</u>			
1995			
1991		R.L. POLK & CO.	BIRMINGHAM
1985		R.L. POLK & CO.	BIRMINGHAM
1981		R.L. POLK & CO.	BIRMINGHAM
		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1960	VACANT	R.L. POLK & CO.	BIRMINGHAM
1954		R.L. POLK & CO.	BIRMINGHAM
1954		R.L. POLK & CO.	BIRMINGHAM
<u>1901 24TH ST SW</u>			
1995	NOT VERIFIED	R.L. POLK & CO.	BIRMINGHAM
1995	W [CARLOS AV INTS]	R.L. POLK & CO.	BIRMINGHAM

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1995	X [24TH ST INTS]	R.L. POLK & CO.	BIRMINGHAM
1995	Y [COLLEGE AV INTS]	R.L. POLK & CO.	BIRMINGHAM
1995	Z [LAWN AV INTS]	R.L. POLK & CO.	BIRMINGHAM
1991	VACANT	R.L. POLK & CO.	BIRMINGHAM
1991	X [CARLOS AV INTS]	R.L. POLK & CO.	BIRMINGHAM
1991	Y [COLLEGE AV INTS]	R.L. POLK & CO.	BIRMINGHAM
1991	Z [LAWN AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM
1985	VACANT	R.L. POLK & CO.	BIRMINGHAM
1985	X [CARLOS AV INTS]	R.L. POLK & CO.	BIRMINGHAM
1985	Y [COLLEGE AV INTS]	R.L. POLK & CO.	BIRMINGHAM
1985	Z [LAWN AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM
1981	VACANT	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1981	X [CARLOS AV INTS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1981	Y [COLLEGE AV INTS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1981	Z [LAWN AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	VACANT	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	X [CARLOS AV INTS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	Y [COLLEGE AV INTS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	Z [LAWN AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	VACANT	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	VACANT	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1960	NELSON'S FLOWER SHOP	R.L. POLK & CO.	BIRMINGHAM
1954		R.L. POLK & CO.	BIRMINGHAM

Exemption 6 Personal Privacy

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<u>1902 24TH ST SW</u>				
1954			R.L. POLK & CO.	BIRMINGHAM
1954	Exemption 6 Personal Privacy	A	R.L. POLK & CO.	BIRMINGHAM
1954		B	R.L. POLK & CO.	BIRMINGHAM
<u>1904 24TH ST SW</u>				
1970	VACANT		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	Exemption 6 Personal Privacy		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1960			R.L. POLK & CO.	BIRMINGHAM
1954			R.L. POLK & CO.	BIRMINGHAM
<u>1908 24TH ST SW</u>				
1970	VACANT		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	X [CARLOS AV INTS]		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	Y [COLLEGE AV INTS]		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	Exemption 6 Personal Privacy		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	X [CARLOS AV INTS]		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	Y [COLLEGE AV INTS]		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1960	Exemption 6 Personal Privacy		R.L. POLK & CO.	BIRMINGHAM
1960	X [CARLOS AV INTS]		R.L. POLK & CO.	BIRMINGHAM
1960	Y [COLLEGE AV INTS]		R.L. POLK & CO.	BIRMINGHAM
1954	Exemption 6 Personal Privacy		R.L. POLK & CO.	BIRMINGHAM
1954	X [CARLOS AV INTS]		R.L. POLK & CO.	BIRMINGHAM
1954	Y [COLLEGE AV INTS]		R.L. POLK & CO.	BIRMINGHAM
<u>2125 24TH ST SW</u>				
2010	NO CURRENT LISTING		R.L. POLK & CO.	BIRMINGHAM

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24th St SW, Birmingham, AL 35211

2010	X [COLLEGE AVE SW INTS]		R.L. POLK & CO.	BIRMINGHAM
2006			R.L. POLK & CO.	BIRMINGHAM
2001			R.L. POLK & CO.	BIRMINGHAM
2001			R.L. POLK & CO.	BIRMINGHAM
1995			R.L. POLK & CO.	BIRMINGHAM
1991			R.L. POLK & CO.	BIRMINGHAM
1985			R.L. POLK & CO.	BIRMINGHAM
1981			R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976			R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970			R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965			R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1960			R.L. POLK & CO.	BIRMINGHAM
1954			R.L. POLK & CO.	BIRMINGHAM
1954	X [LAWN AV BEGINS]		R.L. POLK & CO.	BIRMINGHAM
<u>2129 24TH ST SW</u>				
1965			R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1960			R.L. POLK & CO.	BIRMINGHAM
1954			R.L. POLK & CO.	BIRMINGHAM
<u>2131 24TH ST SW</u>				
1976	VACANT	A	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	VACANT		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	X [LAWN AV BEGINS]		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965			R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)



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1960	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
1954		R.L. POLK & CO.	BIRMINGHAM
<u>2133 24TH ST SW</u>			
2016			
2010		INFOUSA	SOUTH EAST
2010		R.L. POLK & CO.	BIRMINGHAM
2010		R.L. POLK & CO.	BIRMINGHAM
2006		R.L. POLK & CO.	BIRMINGHAM
2001		R.L. POLK & CO.	BIRMINGHAM
1995		R.L. POLK & CO.	BIRMINGHAM
1991		R.L. POLK & CO.	BIRMINGHAM
1985		R.L. POLK & CO.	BIRMINGHAM
1981		R.L. POLK & CO.	BIRMINGHAM
		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1960		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1954		R.L. POLK & CO.	BIRMINGHAM
		R.L. POLK & CO.	BIRMINGHAM
<u>2139 24TH ST SW</u>			
2016		INFOUSA	SOUTH EAST
2016		INFOUSA	SOUTH EAST
2010		R.L. POLK & CO.	BIRMINGHAM
2010		R.L. POLK & CO.	BIRMINGHAM
2010		R.L. POLK & CO.	BIRMINGHAM
2010		R.L. POLK & CO.	BIRMINGHAM
2010	W [LAWN AVE SW INTS]	R.L. POLK & CO.	BIRMINGHAM
2010	X [PARKLAWN AVE SW INTS]	R.L. POLK & CO.	BIRMINGHAM
2010	Y [RAINBOW AVE SW INTS]	R.L. POLK & CO.	BIRMINGHAM
2010	Z [RAMBOW AVE SW CONTINUES]	R.L. POLK & CO.	BIRMINGHAM

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2006	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
2006		R.L. POLK & CO.	BIRMINGHAM
2001	NOT VERIFIED	R.L. POLK & CO.	BIRMINGHAM
2001	X [PARKLAWN AVE SW BEGINS]	R.L. POLK & CO.	BIRMINGHAM
2001	Y [RAMBOW AVE SW CONTINUES]	R.L. POLK & CO.	BIRMINGHAM
1995	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
1995	X [PARK LAWN AV INTS]	R.L. POLK & CO.	BIRMINGHAM
1995	Y [END OF LISTINGS]	R.L. POLK & CO.	BIRMINGHAM
1991	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
1991	X [PARK LAWN AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM
1991	Y [END OF LISTINGS]	R.L. POLK & CO.	BIRMINGHAM
1985	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
1985	X [PARK LAWN AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM
1985	Y [END OF LISTINGS]	R.L. POLK & CO.	BIRMINGHAM
1981	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1981	X [PARK LAWN AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1981	Y [END OF LISTINGS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
<u>2141 24TH ST SW</u>			
1976	VACANT	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	X [PARK LAWN AV BEGINS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	Y [END OF LISTINGS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)



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1970	X [PARK LAWN AV BEGINS]		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	Y [ISHKOODA RD ENDS]		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	Z [END OF LISTINGS]		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	Exemption 6 Personal Privacy		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	X [ISHKOODA RD ENDS]		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	Y [END OF LISTINGS]		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1960	Exemption 6 Personal Privacy	A	R.L. POLK & CO.	BIRMINGHAM
1960	X [ISHKOODA RD ENDS]		R.L. POLK & CO.	BIRMINGHAM
1960	Y [END OF LISTINGS]		R.L. POLK & CO.	BIRMINGHAM
1954	Exemption 6 Personal Privacy	A	R.L. POLK & CO.	BIRMINGHAM
1954	X [L&N RR CROSSES]		R.L. POLK & CO.	BIRMINGHAM
1954	Y [END OF LISTINGS]		R.L. POLK & CO.	BIRMINGHAM
<u>2612 24TH ST SW</u>				
2006	Exemption 6 Personal Privacy		R.L. POLK & CO.	BIRMINGHAM
2006			R.L. POLK & CO.	BIRMINGHAM
2006	MT HILLARD BAPTIST CHURCH [CHURCHES]		R.L. POLK & CO.	BIRMINGHAM
<u>2632 24TH ST SW</u>				
2006	Exemption 6 Personal Privacy		R.L. POLK & CO.	BIRMINGHAM
<u>2636 24TH ST SW</u>				
2016	Exemption 6 Personal Privacy		INFOUSA	SOUTH EAST
<u>2645 24TH ST SW</u>				
2016	Exemption 6 Personal Privacy		INFOUSA	SOUTH EAST
2016			INFOUSA	SOUTH EAST
2010	NO CURRENT LISTING		R.L. POLK & CO.	BIRMINGHAM
2006	Exemption 6 Personal Privacy		R.L. POLK & CO.	BIRMINGHAM

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**City Directory Target Property Address****24th St SW, Birmingham, AL 35211**

2006	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
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2001	NOT VERIFIED	R.L. POLK & CO.	BIRMINGHAM
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**2716 24TH ST SW**

2016		INFOUSA	SOUTH EAST
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2010	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
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2010		R.L. POLK & CO.	BIRMINGHAM
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2006	(	R.L. POLK & CO.	BIRMINGHAM
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2001	NOT VERIFIED	R.L. POLK & CO.	BIRMINGHAM
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**2725 24TH ST SW**

2016	MT CANAAN FULL GOSPEL CHURCH	INFOUSA	SOUTH EAST
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2016	X [END OF LISTINGS]	INFOUSA	SOUTH EAST
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2010	MT CANAAN FULL GOSPEL CHURCH [CHURCHES]	R.L. POLK & CO.	BIRMINGHAM
------	--	-----------------	------------

2010	X [END OF LISTINGS]	R.L. POLK & CO.	BIRMINGHAM
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2006	MT CANANN FULL GOSPEL CHURCH [CHURCHES]	R.L. POLK & CO.	BIRMINGHAM
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2006	X [END OF LISTINGS]	R.L. POLK & CO.	BIRMINGHAM
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2001	MOUNT CANAAN FULL GOSPEL CHURCH	R.L. POLK & CO.	BIRMINGHAM
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2001	X [END OF LISTINGS]	R.L. POLK & CO.	BIRMINGHAM
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**Comment:**



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***City Directory Target Property Address***

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***Target Property:***

*Henry Crumpton Dr,  
Birmingham, AL 35211*

***Prepared For:***

*BFA Environmental Inc*

Order #: 91060

Project #: 2016-26

***Date: 8/3/2017***

### City Directory Target Property Address

Henry Crumpton Dr, Birmingham, AL 35211

#### HENRIETTA DR SW

1970 STREET NOT LISTED

R.L. POLK & CO. BIRMINGHAM  
(JEFFERSON  
COUNTY)

1965 STREET NOT LISTED

R.L. POLK & CO. BIRMINGHAM  
(JEFFERSON  
COUNTY)

1960 STREET NOT LISTED

R.L. POLK & CO. BIRMINGHAM

#### 1928 HENRY CRUMPTON DR

2016 Exemption 6 Personal Privacy

INFOUSA SOUTH EAST

#### 1929 HENRIETTA DR SW

1985 VACANT

R.L. POLK & CO. BIRMINGHAM

1981 Exemption 6 Personal Privacy

R.L. POLK & CO. BIRMINGHAM  
(JEFFERSON  
COUNTY)

1976 Exemption 6 Personal Privacy

R.L. POLK & CO. BIRMINGHAM  
(JEFFERSON  
COUNTY)

#### 1929 HENRY CRUMPTON DR

2001 NOT VERIFIED

R.L. POLK & CO. BIRMINGHAM

1995 NOT VERIFIED

R.L. POLK & CO. BIRMINGHAM

1991 Exemption 6 Personal Privacy

R.L. POLK & CO. BIRMINGHAM

#### 1932 HENRIETTA DR SW

1985

R.L. POLK & CO. BIRMINGHAM

1981

R.L. POLK & CO. BIRMINGHAM  
(JEFFERSON  
COUNTY)

1976

R.L. POLK & CO. BIRMINGHAM  
(JEFFERSON  
COUNTY)

#### 1932 HENRY CRUMPTON DR

1995 Exemption 6 Personal Privacy

R.L. POLK & CO. BIRMINGHAM

#### 1933 HENRIETTA DR SW

1985

R.L. POLK & CO. BIRMINGHAM

1981

R.L. POLK & CO. BIRMINGHAM  
(JEFFERSON  
COUNTY)



# City Directory Target Property Address

Henry Crumpton Dr, Birmingham, AL 35211

1976		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
	Exemption 6 Personal Privacy		
	<u>1933 HENRY CRUMPTON DR</u>		
2001		R.L. POLK & CO.	BIRMINGHAM
1995		R.L. POLK & CO.	BIRMINGHAM
1995	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
1991		R.L. POLK & CO.	BIRMINGHAM
	<u>1936 HENRIETTA DR SW</u>		
1985		R.L. POLK & CO.	BIRMINGHAM
1981	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
	<u>1936 HENRY CRUMPTON DR</u>		
2016		INFOUSA	SOUTH EAST
2016		INFOUSA	SOUTH EAST
2010	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
2006		R.L. POLK & CO.	BIRMINGHAM
2001		R.L. POLK & CO.	BIRMINGHAM
1995	NOT VERIFIED	R.L. POLK & CO.	BIRMINGHAM
1991	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
	<u>1937 HENRIETTA DR SW</u>		
1985		R.L. POLK & CO.	BIRMINGHAM
1981	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
	<u>1937 HENRY CRUMPTON DR</u>		
2010	NO CURRENT LISTING	R.L. POLK & CO.	BIRMINGHAM
2006	NO CURRENT LISTING	R.L. POLK & CO.	BIRMINGHAM
2001	NOT VERIFIED	R.L. POLK & CO.	BIRMINGHAM
1995	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM

# City Directory Target Property Address

Henry Crumpton Dr, Birmingham, AL 35211

1995	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
1991	NO RETURN	R.L. POLK & CO.	BIRMINGHAM
1991	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
<u>1940 HENRIETTA DR SW</u>			
1985		R.L. POLK & CO.	BIRMINGHAM
1981		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
<u>1940 HENRY CRUMPTON DR</u>			
2016		INFOUSA	SOUTH EAST
2016		INFOUSA	SOUTH EAST
2010		R.L. POLK & CO.	BIRMINGHAM
2006		R.L. POLK & CO.	BIRMINGHAM
2001	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
2001		R.L. POLK & CO.	BIRMINGHAM
1995		R.L. POLK & CO.	BIRMINGHAM
1991		R.L. POLK & CO.	BIRMINGHAM
<u>1941 HENRIETTA DR SW</u>			
1985		R.L. POLK & CO.	BIRMINGHAM
1981		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
<u>1941 HENRY CRUMPTON DR</u>			
2016		INFOUSA	SOUTH EAST
2010		R.L. POLK & CO.	BIRMINGHAM
2010	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
2006		R.L. POLK & CO.	BIRMINGHAM
2001		R.L. POLK & CO.	BIRMINGHAM
1995	NOT VERIFIED	R.L. POLK & CO.	BIRMINGHAM
1991	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM



# City Directory Target Property Address

Henry Crumpton Dr, Birmingham, AL 35211

## 1944 HENRIETTA DR SW

1985	R.L. POLK & CO.	BIRMINGHAM
1981	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)

Exemption 6 Personal Privacy

## 1944 HENRY CRUMPTON DR

2016	INFOUSA	SOUTH EAST
2016	INFOUSA	SOUTH EAST
2010	R.L. POLK & CO.	BIRMINGHAM
2010	R.L. POLK & CO.	BIRMINGHAM
2006	R.L. POLK & CO.	BIRMINGHAM
2006	R.L. POLK & CO.	BIRMINGHAM
2001	R.L. POLK & CO.	BIRMINGHAM
2001	R.L. POLK & CO.	BIRMINGHAM
1995	R.L. POLK & CO.	BIRMINGHAM
1991	R.L. POLK & CO.	BIRMINGHAM

Exemption 6 Personal Privacy

## 1948 HENRIETTA DR SW

1985	R.L. POLK & CO.	BIRMINGHAM
1981	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)

Exemption 6 Personal Privacy

## 1948 HENRY CRUMPTON DR

2016	INFOUSA	SOUTH EAST
2010	R.L. POLK & CO.	BIRMINGHAM
2006	R.L. POLK & CO.	BIRMINGHAM
2006	R.L. POLK & CO.	BIRMINGHAM
1995	R.L. POLK & CO.	BIRMINGHAM
1991	R.L. POLK & CO.	BIRMINGHAM

Exemption 6 Personal Privacy

## 1952 HENRIETTA DR SW

1985	R.L. POLK & CO.	BIRMINGHAM
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Exemption 6 Personal Privacy

**City Directory Target Property Address****Henry Crumpton Dr, Birmingham, AL 35211**

1985	X [ANN DR ENDS]	R.L. POLK & CO.	BIRMINGHAM
1981	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1981	X [ANN DR ENDS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	X [ANN DR ENDS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
<u>1952 HENRY CRUMPTON DR</u>			
2010		R.L. POLK & CO.	BIRMINGHAM
2010	X [W ANN DR SW INTS]	R.L. POLK & CO.	BIRMINGHAM
2006		R.L. POLK & CO.	BIRMINGHAM
2006	X [W ANN DR SW INTS]	R.L. POLK & CO.	BIRMINGHAM
1995		R.L. POLK & CO.	BIRMINGHAM
1995	X [ANN DR INTS]	R.L. POLK & CO.	BIRMINGHAM
1991	X [ANN DR ENDS]	R.L. POLK & CO.	BIRMINGHAM
1991	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
<u>2000 HENRIETTA DR SW</u>			
1985		R.L. POLK & CO.	BIRMINGHAM
1981	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
<u>2000 HENRY CRUMPTON DR</u>			
2016		INFOUSA	SOUTH EAST
2010	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
2006		R.L. POLK & CO.	BIRMINGHAM
2001	NOT VERIFIED	R.L. POLK & CO.	BIRMINGHAM
1995	VACANT	R.L. POLK & CO.	BIRMINGHAM
1991	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM



## City Directory Target Property Address

Henry Crumpton Dr, Birmingham, AL 35211

### 2001 HENRIETTA DR SW

1985 VACANT

1981 Exemption 6 Personal Privacy

1976 Exemption 6 Personal Privacy

R.L. POLK & CO. BIRMINGHAM

R.L. POLK & CO. BIRMINGHAM  
(JEFFERSON  
COUNTY)

R.L. POLK & CO. BIRMINGHAM  
(JEFFERSON  
COUNTY)

### 2001 HENRY CRUMPTON DR

2010

2010

2006 NO CURRENT LISTING

2001 Exemption 6 Personal Privacy

1995

1991 NO RETURN

1991 VACANT

R.L. POLK & CO. BIRMINGHAM

R.L. POLK & CO. BIRMINGHAM

R.L. POLK & CO. BIRMINGHAM

R.L. POLK & CO. BIRMINGHAM

R.L. POLK & CO. BIRMINGHAM

R.L. POLK & CO. BIRMINGHAM

R.L. POLK & CO. BIRMINGHAM

### 2004 HENRIETTA DR SW

1985

1981 Exemption 6 Personal Privacy

1976

R.L. POLK & CO. BIRMINGHAM

R.L. POLK & CO. BIRMINGHAM  
(JEFFERSON  
COUNTY)

R.L. POLK & CO. BIRMINGHAM  
(JEFFERSON  
COUNTY)

### 2004 HENRY CRUMPTON DR

2016

2010

2006 Exemption 6 Personal Privacy

2001

2001

1995

1991

INFOUSA SOUTH EAST

R.L. POLK & CO. BIRMINGHAM

R.L. POLK & CO. BIRMINGHAM

R.L. POLK & CO. BIRMINGHAM

R.L. POLK & CO. BIRMINGHAM

R.L. POLK & CO. BIRMINGHAM

R.L. POLK & CO. BIRMINGHAM

### 2005 HENRIETTA DR SW

1985

1981 Exemption 6 Personal Privacy

R.L. POLK & CO. BIRMINGHAM

R.L. POLK & CO. BIRMINGHAM  
(JEFFERSON  
COUNTY)

# City Directory Target Property Address

Henry Crumpton Dr, Birmingham, AL 35211

1976	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
<u>2005 HENRY CRUMPTON DR</u>			
2016		INFOUSA	SOUTH EAST
2010		R.L. POLK & CO.	BIRMINGHAM
2010	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
2001		R.L. POLK & CO.	BIRMINGHAM
1995		R.L. POLK & CO.	BIRMINGHAM
1991		R.L. POLK & CO.	BIRMINGHAM
<u>2008 HENRIETTA DR SW</u>			
1985		R.L. POLK & CO.	BIRMINGHAM
1981	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
<u>2008 HENRY CRUMPTON DR</u>			
2010	NO CURRENT LISTING	R.L. POLK & CO.	BIRMINGHAM
2001	NOT VERIFIED	R.L. POLK & CO.	BIRMINGHAM
1995	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
1991		R.L. POLK & CO.	BIRMINGHAM
<u>2009 HENRIETTA DR SW</u>			
1985	...	R.L. POLK & CO.	BIRMINGHAM
1981	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
<u>2009 HENRY CRUMPTON DR</u>			
2016		INFOUSA	SOUTH EAST
2010		R.L. POLK & CO.	BIRMINGHAM
2006	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
2001		R.L. POLK & CO.	BIRMINGHAM
1995		R.L. POLK & CO.	BIRMINGHAM



# City Directory Target Property Address

Henry Crumpton Dr, Birmingham, AL 35211

1995		R.L. POLK & CO.	BIRMINGHAM
1991	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
<u>2012 HENRIETTA DR SW</u>			
1985		R.L. POLK & CO.	BIRMINGHAM
1981	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
<u>2012 HENRY CRUMPTON DR</u>			
2010	NO CURRENT LISTING	R.L. POLK & CO.	BIRMINGHAM
1995	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
1991	NO RETURN	R.L. POLK & CO.	BIRMINGHAM
1991	VACANT	R.L. POLK & CO.	BIRMINGHAM
<u>2013 HENRIETTA DR SW</u>			
1985		R.L. POLK & CO.	BIRMINGHAM
1981	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
<u>2013 HENRY CRUMPTON DR</u>			
2010		R.L. POLK & CO.	BIRMINGHAM
2010	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
1995		R.L. POLK & CO.	BIRMINGHAM
1991	VACANT	R.L. POLK & CO.	BIRMINGHAM
<u>2016 HENRIETTA DR SW</u>			
1985		R.L. POLK & CO.	BIRMINGHAM
1981	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
<u>2016 HENRY CRUMPTON DR</u>			
2010	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM

**City Directory Target Property Address****Henry Crumpton Dr, Birmingham, AL 35211**

2006		R.L. POLK & CO.	BIRMINGHAM
1995		R.L. POLK & CO.	BIRMINGHAM
1995	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
1995		R.L. POLK & CO.	BIRMINGHAM
1991		R.L. POLK & CO.	BIRMINGHAM
<u>2017 HENRIETTA DR SW</u>			
1985		R.L. POLK & CO.	BIRMINGHAM
1981	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
<u>2017 HENRY CRUMPTON DR</u>			
2010	NO CURRENT LISTING	R.L. POLK & CO.	BIRMINGHAM
2006	NO CURRENT LISTING	R.L. POLK & CO.	BIRMINGHAM
2001	MULTI-TENANT RESIDENTIAL	R.L. POLK & CO.	BIRMINGHAM
1995		R.L. POLK & CO.	BIRMINGHAM
1991	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
<u>2020 HENRIETTA DR SW</u>			
1985		R.L. POLK & CO.	BIRMINGHAM
1981		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
<u>2020 HENRY CRUMPTON DR</u>			
2010		R.L. POLK & CO.	BIRMINGHAM
2006		R.L. POLK & CO.	BIRMINGHAM
2001	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
1995		R.L. POLK & CO.	BIRMINGHAM
1991		R.L. POLK & CO.	BIRMINGHAM
<u>2024 HENRIETTA DR SW</u>			
1985	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM



# City Directory Target Property Address

Henry Crumpton Dr, Birmingham, AL 35211

1981		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
	Exemption 6 Personal Privacy		
1976		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
<u>2024 HENRY CRUMPTON DR</u>			
2016			
2016		INFOUSA	SOUTH EAST
2010		INFOUSA	SOUTH EAST
2010		R.L. POLK & CO.	BIRMINGHAM
2006	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
2001		R.L. POLK & CO.	BIRMINGHAM
1995		R.L. POLK & CO.	BIRMINGHAM
1995		R.L. POLK & CO.	BIRMINGHAM
1991		R.L. POLK & CO.	BIRMINGHAM
		R.L. POLK & CO.	BIRMINGHAM
<u>2125 HENRY CRUMPTON DR</u>			
2016	Exemption 6 Personal Privacy		
2016	X [END OF LISTINGS]	INFOUSA	SOUTH EAST
		INFOUSA	SOUTH EAST
<u>1929-1933 HENRY CRUMPTON DR</u>			
2010	NO CURRENT LISTING (3 HSES)		
2006	NO CURRENT LISTING (3 HSES)	R.L. POLK & CO.	BIRMINGHAM
		R.L. POLK & CO.	BIRMINGHAM
<u>1948-1952 HENRY CRUMPTON DR</u>			
2001	NOT VERIFIED (2 HSES)		
2001	X [W ANN DR SW BEGINS]	R.L. POLK & CO.	BIRMINGHAM
		R.L. POLK & CO.	BIRMINGHAM
<u>2005-2008 HENRY CRUMPTON DR</u>			
2006	NO CURRENT LISTING (2 HSES)		
		R.L. POLK & CO.	BIRMINGHAM
<u>2012-2013 HENRY CRUMPTON DR</u>			
2006	NO CURRENT LISTING (2 HSES)		
		R.L. POLK & CO.	BIRMINGHAM
<u>2013-2016 HENRY CRUMPTON DR</u>			
2001	NOT VERIFIED (2 HSES)	R.L. POLK & CO.	BIRMINGHAM

Comment:

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## ***City Directory Target Property Address***

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***Target Property:***

*Jackson Ave SW,  
Birmingham, AL 35211*

***Prepared For:***

*BFA Environmental Inc*

Order #: 91060

Project #: 2016-26

***Date: 8/3/2017***



# City Directory Target Property Address

Jackson Ave SW, Birmingham, AL 35211

## JACKSON AVE SW

1950-51 STREET NOT LISTED

1946 STREET NOT LISTED

R.L. POLK & CO.

BIRMINGHAM

R.L. POLK & CO.

BIRMINGHAM  
(JEFFERSON  
COUNTY)

## 1855 JACKSON AVE SW

1960 Exemption 6 Personal Privacy

1960

1960 X [19TH ENDS]

1960 Y [19TH PL INTS]

R.L. POLK & CO.

BIRMINGHAM

R.L. POLK & CO.

BIRMINGHAM

R.L. POLK & CO.

BIRMINGHAM

R.L. POLK & CO.

BIRMINGHAM

## 1881 JACKSON AVE SW

2016

2010

2010 Exemption 6 Personal Privacy

2010

2010 X [19TH ST SW INTS]

2006

2006 Exemption 6 Personal Privacy

2006

2006 X [19TH ST SW INTS]

2001

2001 Exemption 6 Personal Privacy

2001

2001 X [19TH ST SW INTS]

1995

1995 Exemption 6 Personal Privacy

1995

1995 X [19TH INTS]

1991

1991 X [19TH ENDS]

1985 Exemption 6 Personal Privacy

1985 X [19TH ENDS]

1981

1981 Exemption 6 Personal Privacy

INFOUSA

SOUTH EAST

R.L. POLK & CO.

BIRMINGHAM

R.L. POLK & CO.

BIRMINGHAM

R.L. POLK & CO.

BIRMINGHAM

R.L. POLK & CO.

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BIRMINGHAM

R.L. POLK & CO.

BIRMINGHAM

R.L. POLK & CO.

BIRMINGHAM  
(JEFFERSON  
COUNTY)

# City Directory Target Property Address

Jackson Ave SW, Birmingham, AL 35211

1981	X [19TH ENDS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	X [19TH ENDS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	X [19TH ENDS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	Y [19TH PL ENDS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	X [19TH ENDS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	Y [19TH PL INTS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
<u>1901 JACKSON AVE SW</u>			
2016		INFOUSA	SOUTH EAST
2010		R.L. POLK & CO.	BIRMINGHAM
2010		R.L. POLK & CO.	BIRMINGHAM
2006		R.L. POLK & CO.	BIRMINGHAM
2001		R.L. POLK & CO.	BIRMINGHAM
2001	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
1995		R.L. POLK & CO.	BIRMINGHAM
1991		R.L. POLK & CO.	BIRMINGHAM
1985		R.L. POLK & CO.	BIRMINGHAM
1981		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)



# City Directory Target Property Address

Jackson Ave SW, Birmingham, AL 35211

## 1905 JACKSON AVE SW

2016		INFOUSA	SOUTH EAST
2016	Exemption 6 Personal Privacy	INFOUSA	SOUTH EAST
2016		INFOUSA	SOUTH EAST
2010	NO CURRENT LISTING	R.L. POLK & CO.	BIRMINGHAM
2006		R.L. POLK & CO.	BIRMINGHAM
2006		R.L. POLK & CO.	BIRMINGHAM
1995	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
1991		R.L. POLK & CO.	BIRMINGHAM
1985		R.L. POLK & CO.	BIRMINGHAM
1981		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	VACANT	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1960		R.L. POLK & CO.	BIRMINGHAM
1954	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM

## 1906 JACKSON AVE SW

1960	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
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## 1909 JACKSON AVE SW

2010		R.L. POLK & CO.	BIRMINGHAM
2006		R.L. POLK & CO.	BIRMINGHAM
1995		R.L. POLK & CO.	BIRMINGHAM
1991	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
1985		R.L. POLK & CO.	BIRMINGHAM
1981		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)

**City Directory Target Property Address****Jackson Ave SW, Birmingham, AL 35211**

1970	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
<b><u>1913 JACKSON AVE SW</u></b>			
2016		INFOUSA	SOUTH EAST
2010		R.L. POLK & CO.	BIRMINGHAM
2006		R.L. POLK & CO.	BIRMINGHAM
2001		R.L. POLK & CO.	BIRMINGHAM
1995	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
1991		R.L. POLK & CO.	BIRMINGHAM
1985		R.L. POLK & CO.	BIRMINGHAM
1981		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
<b><u>1917 JACKSON AVE SW</u></b>			
2006	NO CURRENT LISTING	R.L. POLK & CO.	BIRMINGHAM
2001	NOT VERIFIED	R.L. POLK & CO.	BIRMINGHAM
1995		R.L. POLK & CO.	BIRMINGHAM
1991		R.L. POLK & CO.	BIRMINGHAM
1985	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
1981		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)



# City Directory Target Property Address

Jackson Ave SW, Birmingham, AL 35211

1965			R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1960	Exemption 6 Personal Privacy		R.L. POLK & CO.	BIRMINGHAM
1954			R.L. POLK & CO.	BIRMINGHAM
<u>1921 JACKSON AVE SW</u>				
2006	Exemption 6 Personal Privacy		R.L. POLK & CO.	BIRMINGHAM
2001			R.L. POLK & CO.	BIRMINGHAM
1995	NOT VERIFIED		R.L. POLK & CO.	BIRMINGHAM
1991	VACANT		R.L. POLK & CO.	BIRMINGHAM
1985			R.L. POLK & CO.	BIRMINGHAM
1981			R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976			R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	VACANT		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	Exemption 6 Personal Privacy	A	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	VACANT	B	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1960	UNDER CONSTRUCTION		R.L. POLK & CO.	BIRMINGHAM
1954	UNDER CONSTRUCTION		R.L. POLK & CO.	BIRMINGHAM
1954	Exemption 6 Personal Privacy	REAR	R.L. POLK & CO.	BIRMINGHAM
<u>1925 JACKSON AVE SW</u>				
2016	Exemption 6 Personal Privacy		INFOUSA	SOUTH EAST
2016			INFOUSA	SOUTH EAST
2016	X [END OF LISTINGS]		INFOUSA	SOUTH EAST
2010			R.L. POLK & CO.	BIRMINGHAM
2010			R.L. POLK & CO.	BIRMINGHAM
2010	Exemption 6 Personal Privacy		R.L. POLK & CO.	BIRMINGHAM
2010			R.L. POLK & CO.	BIRMINGHAM
2006			R.L. POLK & CO.	BIRMINGHAM
2006	X [19TH PL SW INTS]		R.L. POLK & CO.	BIRMINGHAM

# City Directory Target Property Address

Jackson Ave SW, Birmingham, AL 35211

2001	NOT VERIFIED	R.L. POLK & CO.	BIRMINGHAM
1995		R.L. POLK & CO.	BIRMINGHAM
1991		R.L. POLK & CO.	BIRMINGHAM
1985		R.L. POLK & CO.	BIRMINGHAM
1981		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1954	UNDER CONSTRUCTION	R.L. POLK & CO.	BIRMINGHAM
<u>1927 JACKSON AVE SW</u>			
1960	UNDER CONSTRUCTION	R.L. POLK & CO.	BIRMINGHAM
<u>1929 JACKSON AVE SW</u>			
2006	NO CURRENT LISTING	R.L. POLK & CO.	BIRMINGHAM
2001		R.L. POLK & CO.	BIRMINGHAM
2001	X [19TH PL SW ENDS]	R.L. POLK & CO.	BIRMINGHAM
1995		R.L. POLK & CO.	BIRMINGHAM
1995	X [19TH PL INTS]	R.L. POLK & CO.	BIRMINGHAM
1991		R.L. POLK & CO.	BIRMINGHAM
1991	X [19TH PL ENDS]	R.L. POLK & CO.	BIRMINGHAM
1985		R.L. POLK & CO.	BIRMINGHAM
1985	X [19TH PL ENDS]	R.L. POLK & CO.	BIRMINGHAM
1981		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1981	X [19TH PL ENDS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)



# City Directory Target Property Address

Jackson Ave SW, Birmingham, AL 35211

1976	X [19TH PL ENDS]		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970			R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	Exemption 6 Personal Privacy		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1960			R.L. POLK & CO.	BIRMINGHAM
1954			R.L. POLK & CO.	BIRMINGHAM
<u>1933 JACKSON AVE SW</u>				
1995	VACANT		R.L. POLK & CO.	BIRMINGHAM
<u>1937 JACKSON AVE SW</u>				
1995	WEST END HILLS BAPTIST CHURCH (ANNEX) [MISSIONARY]	A	R.L. POLK & CO.	BIRMINGHAM
1995	X [20TH INTS]		R.L. POLK & CO.	BIRMINGHAM
1995	Y [END OF LISTINGS]		R.L. POLK & CO.	BIRMINGHAM
1991	VACANT	A	R.L. POLK & CO.	BIRMINGHAM
1991	X [20TH INTS]		R.L. POLK & CO.	BIRMINGHAM
1991	Y [END OF LISTINGS]		R.L. POLK & CO.	BIRMINGHAM
1985	VACANT	A	R.L. POLK & CO.	BIRMINGHAM
1985	X [20TH INTS]		R.L. POLK & CO.	BIRMINGHAM
1985	Y [END OF LISTINGS]		R.L. POLK & CO.	BIRMINGHAM
1981	Exemption 6 Personal Privacy	B	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1981		C	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1981	NO RETURN	D	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	Exemption 6 Personal Privacy	A	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	VACANT	B	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	Exemption 6 Personal Privacy	D	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)

# City Directory Target Property Address

Jackson Ave SW, Birmingham, AL 35211

1970	Exemption 6 Personal Privacy	A	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970		B	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	VACANT	C	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970		D	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965		A	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	Exemption 6 Personal Privacy	B	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965		C	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965		D	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1960		A	R.L. POLK & CO.	BIRMINGHAM
1960			R.L. POLK & CO.	BIRMINGHAM
1960		B	R.L. POLK & CO.	BIRMINGHAM
1960		C	R.L. POLK & CO.	BIRMINGHAM
1960		D	R.L. POLK & CO.	BIRMINGHAM
1954	VACANT	A	R.L. POLK & CO.	BIRMINGHAM
1954	VACANT	B	R.L. POLK & CO.	BIRMINGHAM
1954		C	R.L. POLK & CO.	BIRMINGHAM
1954	Exemption 6 Personal Privacy	D	R.L. POLK & CO.	BIRMINGHAM

## 1941 JACKSON AVE SW

2006	WEST END HILLS MISSIONARY [CHURCHES]	R.L. POLK & CO.	BIRMINGHAM
2006	X [20TH ST SW INTS]	R.L. POLK & CO.	BIRMINGHAM
2006	Y [END OF LISTINGS]	R.L. POLK & CO.	BIRMINGHAM
2001	WEST END HILLS MISSIONARY BAPT CHURCH BUSN OFC [BAPTIST CH]	R.L. POLK & CO.	BIRMINGHAM
2001	X [LAUREL AVE SW INTS]	R.L. POLK & CO.	BIRMINGHAM
2001	Y [END OF LISTINGS]	R.L. POLK & CO.	BIRMINGHAM



# City Directory Target Property Address

Jackson Ave SW, Birmingham, AL 35211

1981	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1981	X [20TH INTS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1981	Y [END OF LISTINGS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976		R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	X [20TH INTS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1976	Y [END OF LISTINGS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	X [20TH INTS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1970	Y [END OF LISTINGS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	X [20TH BEGINS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1965	Y [END OF LISTINGS]	R.L. POLK & CO.	BIRMINGHAM (JEFFERSON COUNTY)
1960	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
1960	X [20TH (POW) BEGINS]	R.L. POLK & CO.	BIRMINGHAM
1960	Y [END OF LISTINGS]	R.L. POLK & CO.	BIRMINGHAM
1954	Exemption 6 Personal Privacy	R.L. POLK & CO.	BIRMINGHAM
1954	X [20TH (POW) BEGINS]	R.L. POLK & CO.	BIRMINGHAM
1954	Y [END OF LISTINGS]	R.L. POLK & CO.	BIRMINGHAM

**City Directory Target Property Address**

**Jackson Ave SW, Birmingham, AL 35211**

1905-1909 JACKSON AVE SW

2001	NOT VERIFIED (2 HSES)	R.L. POLK & CO.	BIRMINGHAM
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1917-1921 JACKSON AVE SW

2010	NO CURRENT LISTING (2 HSES)	R.L. POLK & CO.	BIRMINGHAM
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1929-1941 JACKSON AVE SW

2010	NO CURRENT LISTING (2 HSES)	R.L. POLK & CO.	BIRMINGHAM
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2010	X [20TH ST SW INTS]	R.L. POLK & CO.	BIRMINGHAM
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2010	Y [END OF LISTINGS]	R.L. POLK & CO.	BIRMINGHAM
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**Comment:**



**APPENDIX D**  
**ENVIRONMENTAL DATABASE INFORMATION**



On time. On target. In touch.™

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## **Radius Report**

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Satellite view

Target Property:

**Powderly Elementary School  
1901 20th St SW  
Birmingham, Jefferson County, Alabama 35211**

Prepared For:

**BFA Environmental Inc**

**Order #: 91060**

**Job #: 198007**

**Project #: 2016-26**

**Date: 07/31/2017**



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## Disclaimer

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*This report was designed by GeoSearch to meet or exceed the records search requirements of the All Appropriate Inquiries Rule (40 CFR §312.26) and the current version of the ASTM International E1527, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process or, if applicable, the custom requirements requested by the entity that ordered this report. The records and databases of records used to compile this report were collected from various federal, state and local governmental entities. It is the goal of GeoSearch to meet or exceed the 40 CFR §312.26 and E1527 requirements for updating records by using the best available technology. GeoSearch contacts the appropriate governmental entities on a recurring basis. Depending on the frequency with which a record source or database of records is updated by the governmental entity, the data used to prepare this report may be updated monthly, quarterly, semi-annually, or annually.*

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## Target Property Summary

### **Target Property Information**

Powderly Elementary School  
1901 20th St SW  
Birmingham, Alabama 35211

#### **Coordinates**

Area centroid (-86.868583, 33.4656720)  
577 feet above sea level

#### **USGS Quadrangle**

Birmingham South, AL

### **Geographic Coverage Information**

**County/Parish:** Jefferson (AL)

**ZipCode(s):**

Birmingham AL: 35211, 35221

#### **Radon**

\* Target property is located in Radon Zone 2.

Zone 2 areas have a predicted average indoor radon screening level between 2 and 4 pCi/L (picocuries per liter).

## Database Summary

### FEDERAL LISTING

#### Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
EMERGENCY RESPONSE NOTIFICATION SYSTEM	<u>ERNSAL</u>	0	0	TP/AP
FEDERAL ENGINEERING INSTITUTIONAL CONTROL SITES	<u>EC</u>	0	0	TP/AP
LAND USE CONTROL INFORMATION SYSTEM	<u>LUCIS</u>	0	0	TP/AP
RCRA SITES WITH CONTROLS	<u>RCRASC</u>	0	0	TP/AP
RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR	<u>RCRAGR04</u>	0	0	0.1250
RESOURCE CONSERVATION & RECOVERY ACT - NON-GENERATOR	<u>RCRANGR04</u>	0	0	0.1250
FEMA OWNED STORAGE TANKS	<u>FEMAUST</u>	0	0	0.2500
BROWNFIELDS MANAGEMENT SYSTEM	<u>BF</u>	0	0	0.5000
DELISTED NATIONAL PRIORITIES LIST	<u>DNPL</u>	0	0	0.5000
NO LONGER REGULATED RCRA NON-CORRACTS TSD FACILITIES	<u>NLRRCRAT</u>	0	0	0.5000
RESOURCE CONSERVATION & RECOVERY ACT - NON-CORRACTS TREATMENT, STORAGE & DISPOSAL FACILITIES	<u>RCRAT</u>	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM	<u>SEMS</u>	0	0	0.5000
SUPERFUND ENTERPRISE MANAGEMENT SYSTEM ARCHIVED SITE INVENTORY	<u>SEMSARCH</u>	1	0	0.5000
NATIONAL PRIORITIES LIST	<u>NPL</u>	0	0	1.0000
NO LONGER REGULATED RCRA CORRECTIVE ACTION FACILITIES	<u>NLRRCRAC</u>	0	0	1.0000
PROPOSED NATIONAL PRIORITIES LIST	<u>PNPL</u>	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES	<u>RCRAC</u>	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - SUBJECT TO CORRECTIVE ACTION FACILITIES	<u>RCRASUBC</u>	0	0	1.0000
SUB-TOTAL		1	0	

#### Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	<u>AIRSAFS</u>	0	0	TP/AP
BIENNIAL REPORTING SYSTEM	<u>BRS</u>	0	0	TP/AP
CERCLIS LIENS	<u>SFLIENS</u>	0	0	TP/AP
CLANDESTINE DRUG LABORATORY LOCATIONS	<u>CDL</u>	0	0	TP/AP
EPA DOCKET DATA	<u>DOCKETS</u>	0	0	TP/AP
ENFORCEMENT AND COMPLIANCE HISTORY INFORMATION	<u>ECHOR04</u>	0	0	TP/AP



## Database Summary

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
FACILITY REGISTRY SYSTEM	<u>FRSAL</u>	1	0	TP/AP
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	<u>HMIRSR04</u>	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM (FORMERLY DOCKETS)	<u>ICIS</u>	0	0	TP/AP
INTEGRATED COMPLIANCE INFORMATION SYSTEM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	<u>ICISNPDES</u>	0	0	TP/AP
MATERIAL LICENSING TRACKING SYSTEM	<u>MLTS</u>	0	0	TP/AP
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	<u>NPDES04</u>	0	0	TP/AP
PCB ACTIVITY DATABASE SYSTEM	<u>PADS</u>	0	0	TP/AP
PERMIT COMPLIANCE SYSTEM	<u>PCSR04</u>	0	0	TP/AP
SECTION SEVEN TRACKING SYSTEM	<u>SSTS</u>	0	0	TP/AP
TOXIC SUBSTANCE CONTROL ACT INVENTORY	<u>TSCA</u>	0	0	TP/AP
TOXICS RELEASE INVENTORY	<u>TRI</u>	0	0	TP/AP
ALTERNATIVE FUELING STATIONS	<u>ALTFUELS</u>	0	0	0.2500
HISTORICAL GAS STATIONS	<u>HISTPST</u>	0	0	0.2500
MINE SAFETY AND HEALTH ADMINISTRATION MASTER INDEX FILE	<u>MSHA</u>	0	0	0.2500
MINERAL RESOURCE DATA SYSTEM	<u>MRDS</u>	0	0	0.2500
OPEN DUMP INVENTORY	<u>ODI</u>	0	0	0.5000
SURFACE MINING CONTROL AND RECLAMATION ACT SITES	<u>SMCRA</u>	0	0	0.5000
URANIUM MILL TAILINGS RADIATION CONTROL ACT SITES	<u>USUMTRCA</u>	0	0	0.5000
DEPARTMENT OF DEFENSE SITES	<u>DOD</u>	0	0	1.0000
FORMER MILITARY NIKE MISSILE SITES	<u>NMS</u>	0	0	1.0000
FORMERLY USED DEFENSE SITES	<u>FUDS</u>	0	0	1.0000
FORMERLY UTILIZED SITES REMEDIAL ACTION PROGRAM	<u>FUSRAP</u>	0	0	1.0000
RECORD OF DECISION SYSTEM	<u>RODS</u>	0	0	1.0000
SUB-TOTAL		1	0	

## Database Summary

### STATE (AL) LISTING

#### Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
INSTITUTIONAL / ENGINEERING CONTROLS REGISTRY	<u>ICEC</u>	0	0	TP/AP
REGISTERED ABOVEGROUND STORAGE TANKS	<u>RAST</u>	0	0	0.2500
REGISTERED UNDERGROUND STORAGE TANKS	<u>RUST</u>	3	0	0.2500
BROWNFIELD AND VOLUNTARY CLEANUP SITES	<u>VCPBF</u>	0	0	0.5000
LANDFILL AND SOLID WASTE DISPOSAL SITES	<u>LFSWDS</u>	0	0	0.5000
LEAKING UNDERGROUND STORAGE TANKS	<u>LUST</u>	3	0	0.5000
HAZARDOUS SUBSTANCES CLEANUP FUND SITES	<u>HSCF</u>	0	0	1.0000
SUB-TOTAL		6	0	

#### Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
DRYCLEANING ENVIRONMENTAL RESPONSE TRUST FUND SITES	<u>DERTE</u>	0	0	0.5000
SUB-TOTAL		0	0	



## Database Summary

### TRIBAL LISTING

#### Standard Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	<u>USTR04</u>	0	0	0.2500
LEAKING UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	<u>LUSTR04</u>	0	0	0.5000
OPEN DUMP INVENTORY ON TRIBAL LANDS	<u>QDINDIAN</u>	0	0	0.5000
SUB-TOTAL		0	0	

#### Additional Environmental Records

Database	Acronym	Locatable	Unlocatable	Search Radius (miles)
INDIAN RESERVATIONS	<u>INDIANRES</u>	0	0	1.0000
SUB-TOTAL		0	0	
TOTAL		8	0	

## Database Radius Summary

### FEDERAL LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
AIRSAFS	0.0200	0	NS	NS	NS	NS	NS	0
BRS	0.0200	0	NS	NS	NS	NS	NS	0
CDL	0.0200	0	NS	NS	NS	NS	NS	0
DOCKETS	0.0200	0	NS	NS	NS	NS	NS	0
<b>EC</b>	<b>0.0200</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
ECHOR04	0.0200	0	NS	NS	NS	NS	NS	0
<b>ERNSAL</b>	<b>0.0200</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
FRSAL	0.0200	1	NS	NS	NS	NS	NS	1
HMIRSR04	0.0200	0	NS	NS	NS	NS	NS	0
ICIS	0.0200	0	NS	NS	NS	NS	NS	0
ICISNPDES	0.0200	0	NS	NS	NS	NS	NS	0
<b>LUCIS</b>	<b>0.0200</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
MLTS	0.0200	0	NS	NS	NS	NS	NS	0
NPDES04	0.0200	0	NS	NS	NS	NS	NS	0
PADS	0.0200	0	NS	NS	NS	NS	NS	0
PCSR04	0.0200	0	NS	NS	NS	NS	NS	0
<b>RCRASC</b>	<b>0.0200</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
SFLIENS	0.0200	0	NS	NS	NS	NS	NS	0
SSTS	0.0200	0	NS	NS	NS	NS	NS	0
TRI	0.0200	0	NS	NS	NS	NS	NS	0
TSCA	0.0200	0	NS	NS	NS	NS	NS	0
<b>RCRAGR04</b>	<b>0.1250</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>RCRANGR04</b>	<b>0.1250</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
ALTFUELS	0.2500	0	0	0	NS	NS	NS	0
<b>FEMAUST</b>	<b>0.2500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
HISTPST	0.2500	0	0	0	NS	NS	NS	0
MRDS	0.2500	0	0	0	NS	NS	NS	0
MSHA	0.2500	0	0	0	NS	NS	NS	0
<b>BF</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>DNPL</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>NLRRCRAT</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
ODI	0.5000	0	0	0	0	NS	NS	0
<b>RCRAT</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>SEMS</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>NS</b>	<b>NS</b>	<b>0</b>
<b>SEMSARCH</b>	<b>0.5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>NS</b>	<b>NS</b>	<b>1</b>



## Database Radius Summary

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
SMCRA	0.5000	0	0	0	0	NS	NS	0
USUMTRCA	0.5000	0	0	0	0	NS	NS	0
DOD	1.0000	0	0	0	0	0	NS	0
FUDS	1.0000	0	0	0	0	0	NS	0
FUSRAP	1.0000	0	0	0	0	0	NS	0
NLRRCRAC	1.0000	0	0	0	0	0	NS	0
NMS	1.0000	0	0	0	0	0	NS	0
NPL	1.0000	0	0	0	0	0	NS	0
PNPL	1.0000	0	0	0	0	0	NS	0
RCRAC	1.0000	0	0	0	0	0	NS	0
RCRASUBC	1.0000	0	0	0	0	0	NS	0
RODS	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		1	0	0	1	0	0	2

## Database Radius Summary

### STATE (AL) LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
ICEC	0.0200	0	NS	NS	NS	NS	NS	0
RAST	0.2500	0	0	0	NS	NS	NS	0
RUST	0.2500	0	1	2	NS	NS	NS	3
DETRF	0.5000	0	0	0	0	NS	NS	0
LFSWDS	0.5000	0	0	0	0	NS	NS	0
LUST	0.5000	0	0	1	2	NS	NS	3
VCPBF	0.5000	0	0	0	0	NS	NS	0
HSCF	1.0000	0	0	0	0	0	NS	0
SUB-TOTAL		0	1	3	2	0	0	6



## Database Radius Summary

### TRIBAL LISTING

Standard environmental records are displayed in **bold**.

Acronym	Search Radius (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
<b>USTR04</b>	<b>0.2500</b>	0	0	0	NS	NS	NS	0
<b>LUSTR04</b>	<b>0.5000</b>	0	0	0	0	NS	NS	0
<b>ODINDIAN</b>	<b>0.5000</b>	0	0	0	0	NS	NS	0
<b>INDIANRES</b>	<b>1.0000</b>	0	0	0	0	0	NS	0
<b>SUB-TOTAL</b>		0	0	0	0	0	0	0

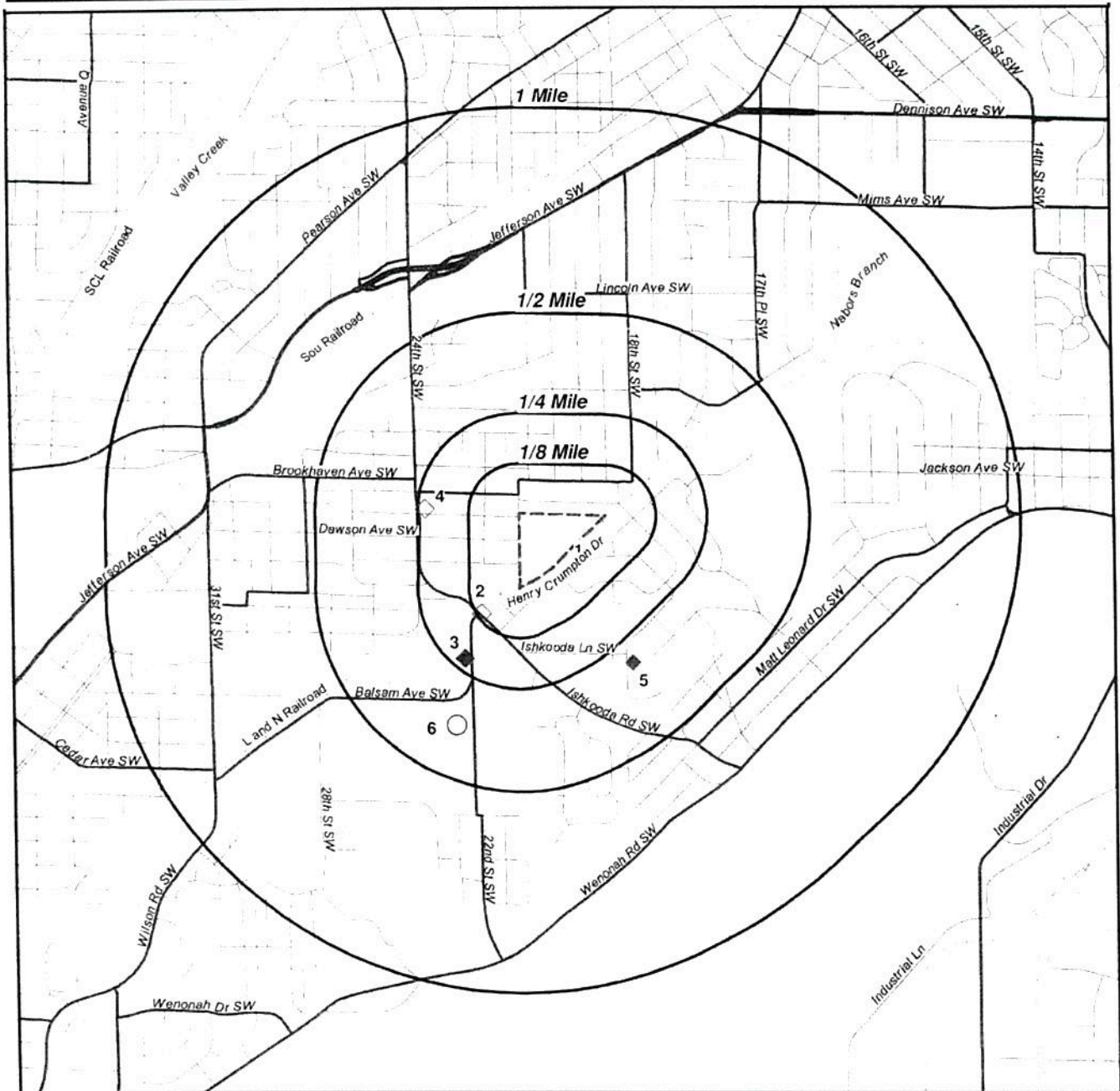
<b>TOTAL</b>		1	1	3	3	0	0	8
--------------	--	---	---	---	---	---	---	---

**NOTES:**

NS = NOT SEARCHED

TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

## Radius Map 1



- Target Property (TP)
- RUST
- LUST
- SEMSARCH

**Powderly Elementary School**  
**1901 20th St SW**  
**Birmingham, Alabama**  
**35211**



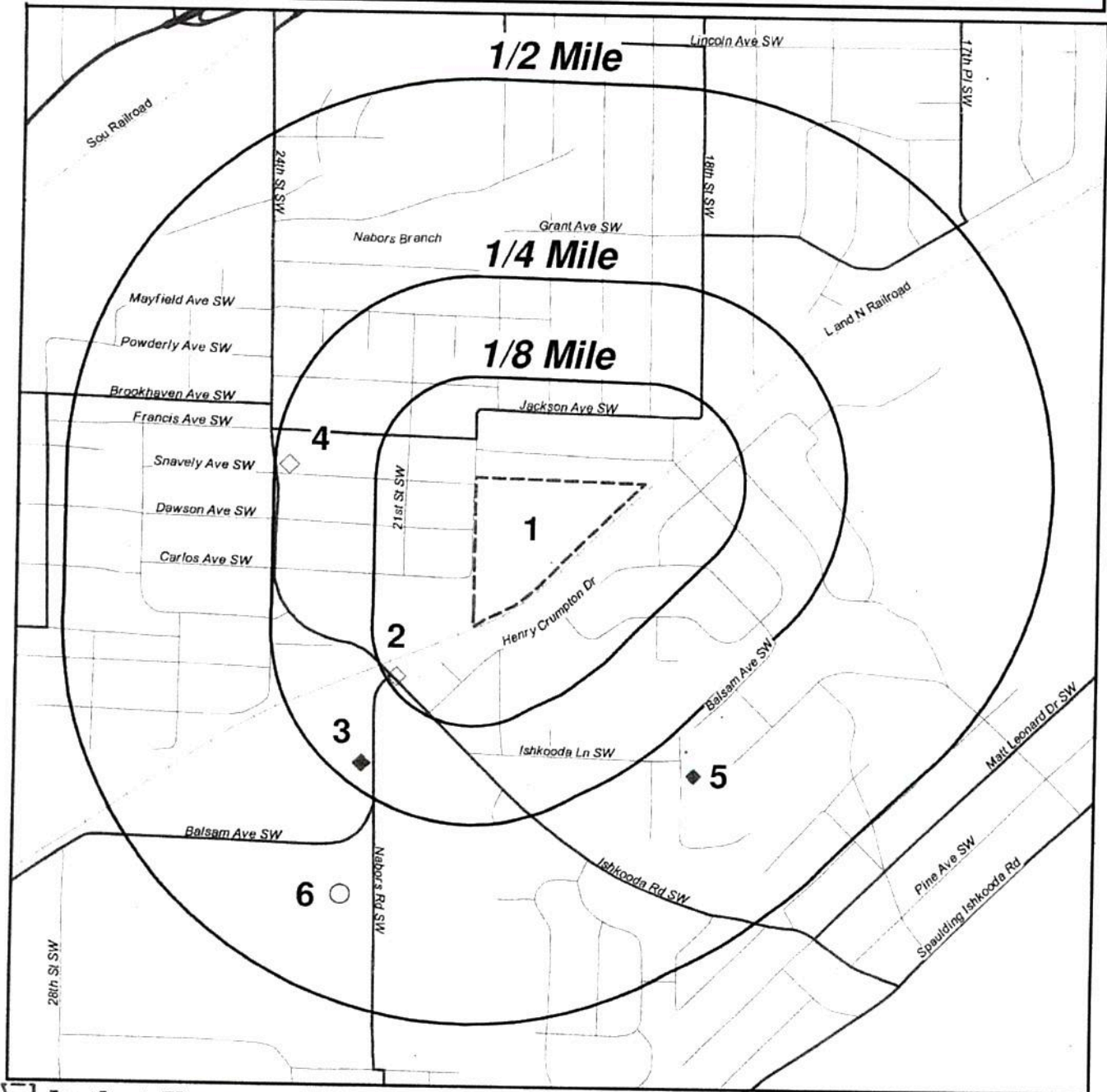
0' 1000' 2000' 3000'  
 SCALE: 1" = 2000'

[Click here to access Satellite view](#)

**GeoSearch** [www.geo-search.com](http://www.geo-search.com) 888-396-0042

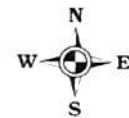


## Radius Map 2



- Target Property (TP)
- RUST
- LUST
- SEMSARCH

**Powderly Elementary School**  
 1901 20th St SW  
 Birmingham, Alabama  
 35211

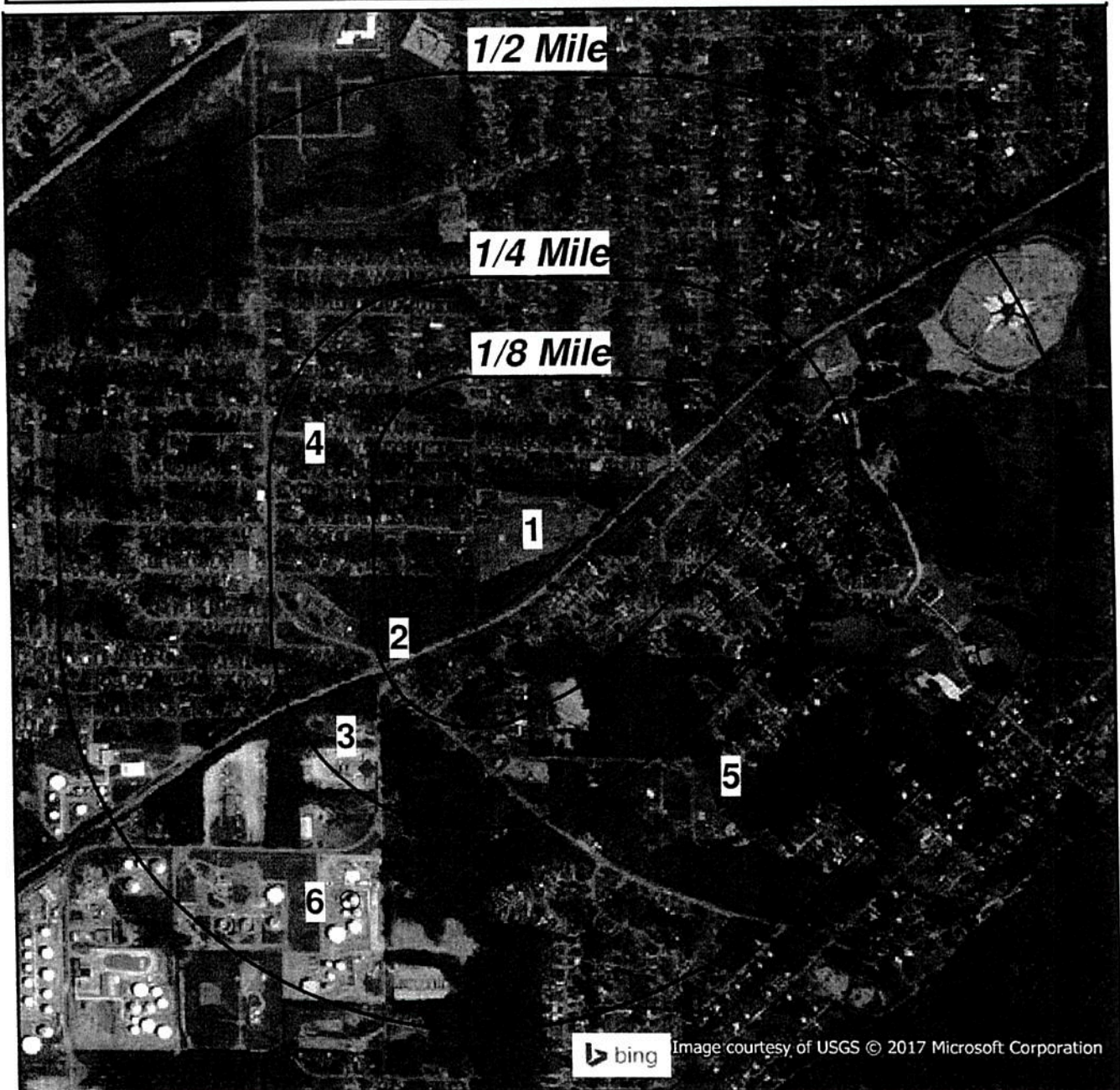


0' 500' 1000' 1500'  
 SCALE 1" = 1000'

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## Ortho Map



- Target Property (TP)
- RUST
- LUST
- SEMSARCH

Quadrangle(s): Birmingham  
South  
Powderly Elementary School  
1901 20th St SW  
Birmingham, Alabama  
35211



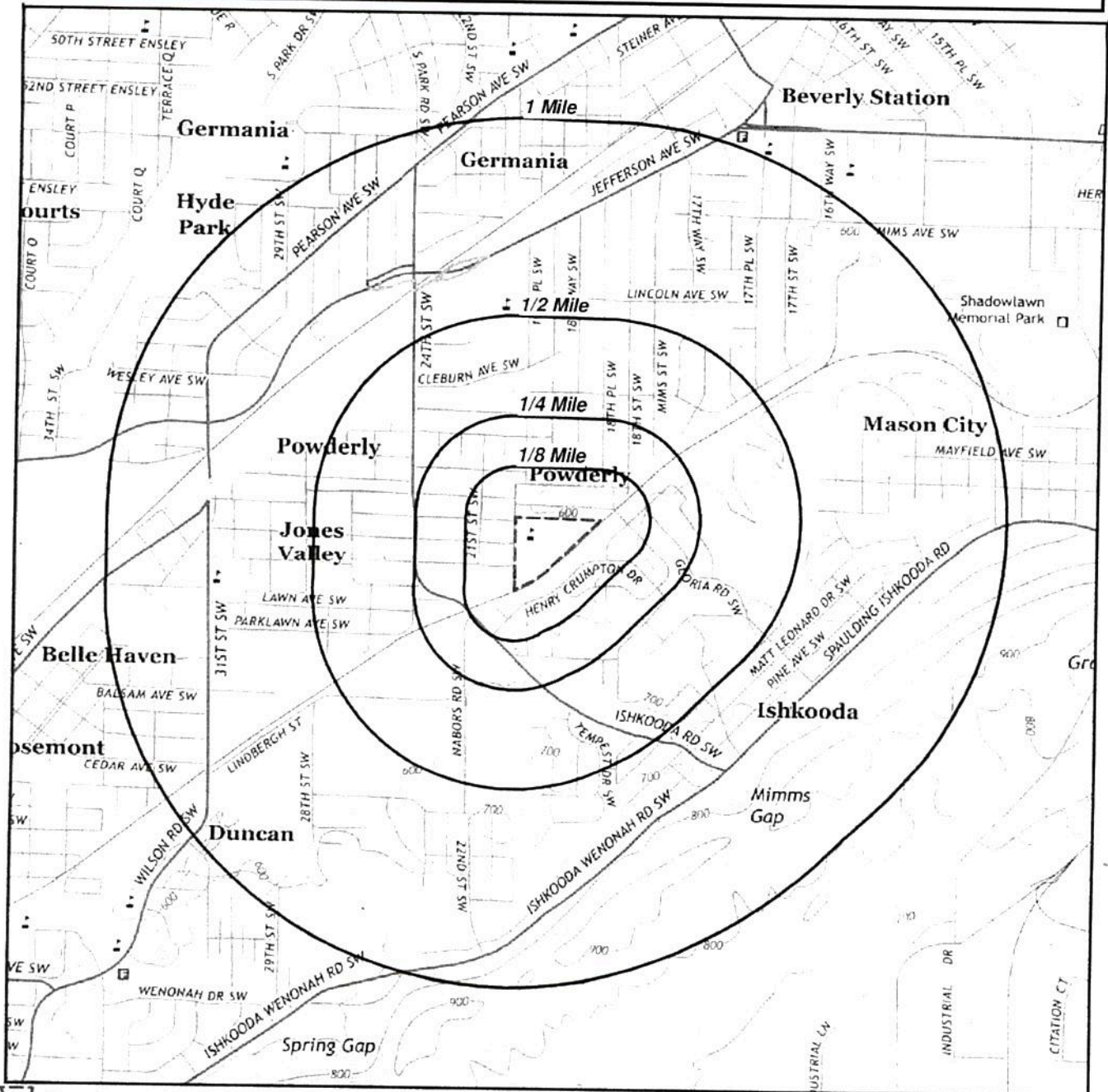
0' 500' 1000' 1500'  
SCALE: 1" = 1000'

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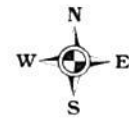


# Topographic Map



Target Property (TP)

Quadrangle(s): Birmingham  
South  
Source: USGS, 10/02/2014  
Powderly Elementary School  
1901 20th St SW  
Birmingham, Alabama  
35211



0' 1000' 2000' 3000'  
SCALE: 1" = 2000'

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**GeoSearch** [www.geo-search.com](http://www.geo-search.com) 888-396-0042

## Located Sites Summary

NOTE: Standard environmental records are displayed in **bold**.

Map ID#	Database Name	Site ID#	Relative Elevation	Distance From Site	Site Name	Address	PAGE #
<u>1</u>	FRSAL	110021881908	Equal (577 ft.)	TP	POWDERLY ELEM SCH	DAWSON AVE 20TH ST SW, BIRMINGHAM, AL 35211	<u>16</u>
<u>2</u>	<b>RUST</b>	<b>15700739257</b>	<b>Lower (572 ft.)</b>	<b>0.12 mi. SW (634 ft.)</b>	<b>ISHKOOKA CHEVRON</b>	<b>2209 ISHKOOKA RD, BIRMINGHAM, AL 35221</b>	<u>17</u>
<u>3</u>	<b>LUST</b>	<b>3071823322</b>	<b>Higher (578 ft.)</b>	<b>0.23 mi. SW (1214 ft.)</b>	<b>MILLER TRANSPORTERS INC</b>	<b>2300 NABORS RD SW, BIRMINGHAM, AL</b>	<u>18</u>
<u>3</u>	<b>RUST</b>	<b>22543734868</b>	<b>Higher (578 ft.)</b>	<b>0.23 mi. SW (1214 ft.)</b>	<b>CHURCH TRANSPORTATION AND LOGISTICS</b>	<b>2300 NABORS RD SW, BIRMINGHAM, AL 35211</b>	<u>19</u>
<u>4</u>	<b>RUST</b>	<b>16371739063</b>	<b>Lower (548 ft.)</b>	<b>0.24 mi. NW (1267 ft.)</b>	<b>RACEWAY SERVICE STATION</b>	<b>1729 24TH ST SW, BIRMINGHAM, AL 35211</b>	<u>21</u>
<u>5</u>	<b>LUST</b>	<b>165025282</b>	<b>Higher (656 ft.)</b>	<b>0.32 mi. SE (1690 ft.)</b>	<b>FOOD SHOP SOUTH (930403,LTF1527)</b>	<b>2017 18TH ST S, HOMEWOOD, AL</b>	<u>23</u>
<u>5</u>	<b>LUST</b>	<b>163430611</b>	<b>Higher (656 ft.)</b>	<b>0.32 mi. SE (1690 ft.)</b>	<b>FOOD SHOP SOUTH (960810,LTF1527)</b>	<b>2017 18TH ST S, BIRMINGHAM, AL</b>	<u>24</u>
<u>6</u>	<b>SEMSARCH</b>	<b>ALD075454058</b>	<b>Higher (604 ft.)</b>	<b>0.38 mi. SW (2006 ft.)</b>	<b>CROWN CENTRAL PETROLEUM CORP</b>	<b>2400 NABORS RD, BIRMINGHAM, AL 35211</b>	<u>25</u>



## Elevation Summary

Elevations are collected from the USGS 3D Elevation Program 1/3 arc-second (approximately 10 meters) layer hosted at the NGTOC.

**Target Property Elevation: 577 ft.**

NOTE: Standard environmental records are displayed in **bold**.

### EQUAL/HIGHER ELEVATION

Map ID#	Database Name	Elevation	Site Name	Address	Page #
<u>1</u>	FRSAL	577 ft.	POWDERLY ELEM SCH	DAWSON AVE 20TH ST SW, BIRMINGHAM, AL 35211	<u>16</u>
<u>3</u>	<b>LUST</b>	<b>578 ft.</b>	<b>MILLER TRANSPORTERS INC</b>	<b>2300 NABORS RD SW, BIRMINGHAM, AL</b>	<u>18</u>
<u>3</u>	<b>RUST</b>	<b>578 ft.</b>	<b>CHURCH TRANSPORTATION AND LOGISTICS</b>	<b>2300 NABORS RD SW, BIRMINGHAM, AL 35211</b>	<u>19</u>
<u>5</u>	<b>LUST</b>	<b>656 ft.</b>	<b>FOOD SHOP SOUTH (930403,LTF1527)</b>	<b>2017 18TH ST S, HOMEWOOD, AL</b>	<u>23</u>
<u>5</u>	<b>LUST</b>	<b>656 ft.</b>	<b>FOOD SHOP SOUTH (960810,LTF1527)</b>	<b>2017 18TH ST S, BIRMINGHAM, AL</b>	<u>24</u>
<u>6</u>	<b>SEMSARCH</b>	<b>604 ft.</b>	<b>CROWN CENTRAL PETROLEUM CORP</b>	<b>2400 NABORS RD, BIRMINGHAM, AL 35211</b>	<u>25</u>

### LOWER ELEVATION

Map ID#	Database Name	Elevation	Site Name	Address	Page #
<u>2</u>	<b>RUST</b>	<b>572 ft.</b>	<b>ISHKOOKA CHEVRON</b>	<b>2209 ISHKOOKA RD, BIRMINGHAM, AL 35221</b>	<u>17</u>
<u>4</u>	<b>RUST</b>	<b>548 ft.</b>	<b>RACEWAY SERVICE STATION</b>	<b>1729 24TH ST SW, BIRMINGHAM, AL 35211</b>	<u>21</u>

## Facility Registry System (FRSAL)

MAP ID# 1

Distance from Property: 0 mi. (0 ft.) X  
Elevation: 577 ft. (Equal to TP)

### FACILITY INFORMATION

REGISTRY ID: 110021881908

NAME: POWDERLY ELEM SCH

LOCATION ADDRESS: DAWSON AVE 20TH ST SW  
BIRMINGHAM, AL 35211

COUNTY: JEFFERSON

EPA REGION: 04

FEDERAL FACILITY: NOT REPORTED

TRIBAL LAND: NOT REPORTED

### ALTERNATIVE NAME/S:

POWDERLY ELEMENTARY SCHOOL

### PROGRAM/S LISTED FOR THIS FACILITY

GNIS - GEOGRAPHIC NAMES INFORMATION SYSTEM

NCES - NATIONAL CENTER FOR EDUCATION STATISTICS

### STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

NO SIC DATA REPORTED

### NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

NO NAICS DATA REPORTED

[Back to Report Summary](#)



## Registered Underground Storage Tanks (RUST)

MAP ID# 2

Distance from Property: 0.12 mi. (634 ft.) SW  
Elevation: 572 ft. (Lower than TP)

### FACILITY INFORMATION

UNIQUE ID: 15700739257  
ACCOUNT NUMBER: 15700  
SITE ID COUNTY: 73  
SITE ID NUMBER: 9257  
NAME: ISHKOODA CHEVRON  
ADDRESS: 2209 ISHKOODA RD  
BIRMINGHAM, AL 35221  
COUNTY: JEFFERSON  
CONTACT NAME: KEN JACKSON  
CONTACT PHONE: NOT REPORTED  
NUMBER OF TANKS: 0  
CURRENTLY IN USE TANKS AT SITE: 0  
PERMANENTLY OUT OF USE TANKS: 0  
TEMPORARILY CLOSED TANKS: 0  
RETIRED TANKS: 0

### OWNER INFORMATION

NAME: KEN JACKSON  
ADDRESS: 2209 ISHKOODA RD  
BIRMINGHAM, AL 35221  
OWNER PHONE: 2050000000  
OWNER TOTAL TANKS: 0  
OWNER TYPE: PRIVATE

### TANK INFORMATION

NO TANK INFORMATION REPORTED

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## Leaking Underground Storage Tanks (LUST)

MAP ID# 3

Distance from Property: 0.23 mi. (1,214 ft.) SW  
Elevation: 578 ft. (Higher than TP)

### FACILITY INFORMATION

UNIQUE ID: 3071823322

FACILITY ID: 4868

NAME: MILLER TRANSPORTERS INC

ADDRESS: 2300 NABORS RD SW  
BIRMINGHAM, AL

COUNTY: JEFFERSON

### OWNER INFORMATION

OWNER ID: 13452

NAME: MILLER TRANSPORTERS INC

ADDRESS: P.O. BOX 1123 (5500 HWY 80 WEST)  
JACKSON, MS 39215

### FACILITY DETAILS

SEARCHABLE INCIDENT NUMBER: UST910813

NO FURTHER ACTION ISSUED: X

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# Registered Underground Storage Tanks (RUST)

MAP ID# 3

Distance from Property: 0.23 mi. (1,214 ft.) SW  
Elevation: 578 ft. (Higher than TP)

## FACILITY INFORMATION

UNIQUE ID: 22543734868  
ACCOUNT NUMBER: 22543  
SITE ID COUNTY: 73  
SITE ID NUMBER: 4868  
NAME: CHURCH TRANSPORTATION AND LOGISTICS  
ADDRESS: 2300 NABORS RD SW  
BIRMINGHAM, AL 35211  
COUNTY: JEFFERSON  
CONTACT NAME: CHIP LOFTIS -FUEL MGR  
CONTACT PHONE: 205-925-3622  
NUMBER OF TANKS: 7  
CURRENTLY IN USE TANKS AT SITE: 3  
PERMANENTLY OUT OF USE TANKS: 4  
TEMPORARILY CLOSED TANKS: 0  
RETIRED TANKS: 0

## OWNER INFORMATION

NAME: G. FENN CHURCH  
ADDRESS: 3016 WESTMORELAND DR.  
BIRMINGHAM, AL 35223  
OWNER PHONE: 2053286009  
OWNER TOTAL TANKS: 7  
OWNER TYPE: PRIVATE

## TANK INFORMATION

TANK NUMBER: 1  
LAST USAGE: 12/1/1997  
INSTALL DATE: 1/1/1959  
REMOVAL DATE: 12/4/1997  
NUMBER OF COMPARTMENTS: 1  
TANK CONTENTS: DIESEL  
CAPACITY: 10000  
STATUS: PERMANENTLY OUT OF USE  
TANK COMMENTS: NOT REPORTED  
TANK NUMBER: 2  
LAST USAGE: 12/1/1997  
INSTALL DATE: 1/1/1959  
REMOVAL DATE: 12/4/1997  
NUMBER OF COMPARTMENTS: 1  
TANK CONTENTS: DIESEL  
CAPACITY: 10000  
STATUS: PERMANENTLY OUT OF USE  
TANK COMMENTS: NOT REPORTED  
TANK NUMBER: 3  
LAST USAGE: 12/1/1997

**GeoSearch** [www.geo-search.com](http://www.geo-search.com) 888-396-0042

Order# 91060 Job# 198007

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## Registered Underground Storage Tanks (RUST)

INSTALL DATE: 1/1/1981  
REMOVAL DATE: 12/4/1997  
NUMBER OF COMPARTMENTS: 1  
TANK CONTENTS: LUBE OIL  
CAPACITY: 4000  
STATUS: PERMANENTLY OUT OF USE  
TANK COMMENTS: NOT REPORTED  
TANK NUMBER: 4  
LAST USAGE: 12/1/1997  
INSTALL DATE: 1/1/1973  
REMOVAL DATE: 12/4/1997  
NUMBER OF COMPARTMENTS: 1  
TANK CONTENTS: USED OIL  
CAPACITY: 4000  
STATUS: PERMANENTLY OUT OF USE  
TANK COMMENTS: NOT REPORTED  
TANK NUMBER: 5  
LAST USAGE: NOT REPORTED  
INSTALL DATE: 12/17/1997  
REMOVAL DATE: NOT REPORTED  
NUMBER OF COMPARTMENTS: 1  
TANK CONTENTS: DIESEL  
CAPACITY: 12000  
STATUS: CURRENTLY IN USE  
TANK COMMENTS: SUPPLIER: LOVES  
TANK NUMBER: 6  
LAST USAGE: NOT REPORTED  
INSTALL DATE: 12/17/1997  
REMOVAL DATE: NOT REPORTED  
NUMBER OF COMPARTMENTS: 1  
TANK CONTENTS: VIRGIN OIL  
CAPACITY: 4000  
STATUS: CURRENTLY IN USE  
TANK COMMENTS: NOT REPORTED  
TANK NUMBER: 7  
LAST USAGE: NOT REPORTED  
INSTALL DATE: 12/17/1997  
REMOVAL DATE: NOT REPORTED  
NUMBER OF COMPARTMENTS: 1  
TANK CONTENTS: USED OIL  
CAPACITY: 500  
STATUS: CURRENTLY IN USE  
TANK COMMENTS: FOR TESTING CALL CHIP LOFTIS FUE MGR 205-925-1977 EMAIL  
CHIP@CHURCHTRANSPORTATION.NET

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## Registered Underground Storage Tanks (RUST)

MAP ID# 4

Distance from Property: 0.24 mi. (1,267 ft.) NW  
Elevation: 548 ft. (Lower than TP)

### FACILITY INFORMATION

UNIQUE ID: 16371739063  
ACCOUNT NUMBER: 16371  
SITE ID COUNTY: 73  
SITE ID NUMBER: 9063  
NAME: RACEWAY SERVICE STATION  
ADDRESS: 1729 24TH ST SW  
BIRMINGHAM, AL 35211  
COUNTY: JEFFERSON  
CONTACT NAME: RAY JOHNSON  
CONTACT PHONE: 205-991-6199  
NUMBER OF TANKS: 4  
CURRENTLY IN USE TANKS AT SITE: 0  
PERMANENTLY OUT OF USE TANKS: 0  
TEMPORARILY CLOSED TANKS: 0  
RETIRED TANKS: 4

### OWNER INFORMATION

NAME: LEE MCHENRY  
ADDRESS: 4209 N COURT ST  
BIRMINGHAM, AL 35222  
OWNER PHONE: 2055922427  
OWNER TOTAL TANKS: 4  
OWNER TYPE: PRIVATE

### TANK INFORMATION

TANK NUMBER: 1  
LAST USAGE: 8/8/1988  
INSTALL DATE: 1/1/1901  
REMOVAL DATE: NOT REPORTED  
NUMBER OF COMPARTMENTS: 1  
TANK CONTENTS: UNLEADED  
CAPACITY: 1003  
STATUS: RETIRED TANKS  
TANK COMMENTS: NOT REPORTED  
TANK NUMBER: 2  
LAST USAGE: 8/8/1988  
INSTALL DATE: 1/1/1901  
REMOVAL DATE: NOT REPORTED  
NUMBER OF COMPARTMENTS: 1  
TANK CONTENTS: UNLEADED  
CAPACITY: 2005  
STATUS: RETIRED TANKS  
TANK COMMENTS: NOT REPORTED  
TANK NUMBER: 3  
LAST USAGE: 8/8/1988

## ***Registered Underground Storage Tanks (RUST)***

INSTALL DATE: 1/1/1901  
REMOVAL DATE: NOT REPORTED  
NUMBER OF COMPARTMENTS: 1  
TANK CONTENTS: UNLEADED  
CAPACITY: 2005  
STATUS: RETIRED TANKS  
TANK COMMENTS: NOT REPORTED  
TANK NUMBER: 4  
LAST USAGE: 8/8/1988  
INSTALL DATE: 1/1/1901  
REMOVAL DATE: NOT REPORTED  
NUMBER OF COMPARTMENTS: 1  
TANK CONTENTS: UNLEADED  
CAPACITY: 6048  
STATUS: RETIRED TANKS  
TANK COMMENTS: NOT REPORTED

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## Leaking Underground Storage Tanks (LUST)

MAP ID# 5

Distance from Property: 0.32 mi. (1,690 ft.) SE  
Elevation: 656 ft. (Higher than TP)

### FACILITY INFORMATION

UNIQUE ID: 165025282

FACILITY ID: 5574

NAME: FOOD SHOP SOUTH (930403,LTF1527)

ADDRESS: 2017 18TH ST S

HOMESWOOD, AL

COUNTY: JEFFERSON

### OWNER INFORMATION

OWNER ID: 14007

NAME: RAJNIKANT R PATEL

ADDRESS: 114 6TH AVE NE

DECATUR, AL 35601

### FACILITY DETAILS

SEARCHABLE INCIDENT NUMBER: UST960810

NO FURTHER ACTION ISSUED: X

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## Leaking Underground Storage Tanks (LUST)

MAP ID# 5

Distance from Property: 0.32 mi. (1,690 ft.) SE  
Elevation: 656 ft. (Higher than TP)

### FACILITY INFORMATION

UNIQUE ID: 163430611

FACILITY ID: 5574

NAME: FOOD SHOP SOUTH (960810,LTF1527)

ADDRESS: 2017 18TH ST S  
BIRMINGHAM, AL

COUNTY: JEFFERSON

### OWNER INFORMATION

OWNER ID: 14007

NAME: RAJNIKANT R PATEL

ADDRESS: 2328 ROCKY RIDGE ROAD  
BIRMINGHAM, AL 35216

### FACILITY DETAILS

SEARCHABLE INCIDENT NUMBER: UST930403

NO FURTHER ACTION ISSUED: X

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# Superfund Enterprise Management System Archived Site Inventory (SEMSARCH)

MAP ID# 6

Distance from Property: 0.38 mi. (2,006 ft.) SW  
Elevation: 604 ft. (Higher than TP)

## FACILITY INFORMATION

EPA ID#: ALD075454058

SITE ID#: 0400258

NAME: CROWN CENTRAL PETROLEUM CORP

ADDRESS: 2400 NABORS RD

BIRMINGHAM, AL 35211

COUNTY: JEFFERSON

FEDERAL FACILITY: NOT A FEDERAL FACILITY

NPL: NOT ON THE NPL

NON NPL STATUS: NFRAP-SITE DOES NOT QUALIFY FOR THE NPL BASED ON EXISTING INFORMATION

Below information was gathered from the prior NFRAP update completed in 10/2013 update:

ACTION	START DATE	COMPLETION DATE	RESPONSIBILITY
DS - DISCOVERY	NOT REPORTED	6/1/1981	EPA FUND
PA - PRELIMINARY ASSESSMENT	NOT REPORTED	10/3/1985	EPA FUND
SI - SITE INSPECTION	NOT REPORTED	3/13/1989	EPA FUND
VS - ARCHIVE SITE	NOT REPORTED	3/13/1989	EPA IN-HOUSE

## ACTION DESCRIPTIONS

DS - (DISCOVERY) - THE PROCESS BY WHICH A POTENTIAL HAZARDOUS WASTE SITE IS BROUGHT TO THE ATTENTION OF THE EPA. THE PROCESS CAN OCCUR THROUGH THE USE OF SEVERAL MECHANISMS SUCH AS A PHONE CALL OR REFERRAL BY ANOTHER GOVERNMENT AGENCY.

PA - (PRELIMINARY ASSESSMENT) - COLLECTION OF DIVERSE EXISTING INFORMATION ABOUT THE SOURCE AND NATURE OF THE SITE HAZARD. IT IS EPA POLICY TO COMPLETE THE PRELIMINARY ASSESSMENT WITHIN ONE YEAR OF SITE DISCOVERY.

SI - (SITE INSPECTION) - THE PROCESS OF COLLECTING SITE DATA AND SAMPLES TO CHARACTERIZE THE SEVERITY OF THE HAZARD FOR THE HAZARD RANKING SCORE AND/OR ENFORCEMENT SUPPORT.

VS - (ARCHIVE SITE) - THE DECISION IS MADE THAT NO FURTHER ACTIVITY IS PLANNED AT THE SITE.

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## ***Unlocated Sites Summary***

*This list contains sites that could not be mapped due to limited or incomplete address information.*

*No Records Found*

## Environmental Records Definitions - FEDERAL

### AIRSAFS

Aerometric Information Retrieval System / Air Facility Subsystem

VERSION DATE: 10/20/14

The United States Environmental Protection Agency (EPA) modified the Aerometric Information Retrieval System (AIRS) to a database that exclusively tracks the compliance of stationary sources of air pollution with EPA regulations: the Air Facility Subsystem (AFS). Since this change in 2001, the management of the AIRS/AFS database was assigned to EPA's Office of Enforcement and Compliance Assurance.

### BRS

Biennial Reporting System

VERSION DATE: 12/31/11

The United States Environmental Protection Agency (EPA), in cooperation with the States, biennially collects information regarding the generation, management, and final disposition of hazardous wastes regulated under the Resource Conservation and Recovery Act of 1976 (RCRA), as amended. The Biennial Report captures detailed data on the generation of hazardous waste from large quantity generators and data on waste management practices from treatment, storage and disposal facilities. Currently, the EPA states that data collected between 1991 and 1997 was originally a part of the defunct Biennial Reporting System and is now incorporated into the RCRAInfo data system.

### CDL

Clandestine Drug Laboratory Locations

VERSION DATE: 07/01/16

The U.S. Department of Justice ("the Department") provides this information as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments. The Department does not establish, implement, enforce, or certify compliance with clean-up or remediation standards for contaminated sites; the public should contact a state or local health department or environmental protection agency for that information.

### DOCKETS

EPA Docket Data

VERSION DATE: 12/22/05

The United States Environmental Protection Agency Docket data lists Civil Case Defendants, filing dates as far back as 1971, laws broken including section, violations that occurred, pollutants involved, penalties assessed and superfund awards by facility and location. Please refer to ICIS database as source of current data.

### EC

Federal Engineering Institutional Control Sites

VERSION DATE: 08/03/15

This database includes site locations where Engineering and/or Institutional Controls have been identified as part

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## ***Environmental Records Definitions - FEDERAL***

of a selected remedy for the site as defined by United States Environmental Protection Agency official remedy decision documents. A site listing does not indicate that the institutional and engineering controls are currently in place nor will be in place once the remedy is complete; it only indicates that the decision to include either of them in the remedy is documented as of the completed date of the document. Institutional controls are actions, such as legal controls, that help minimize the potential for human exposure to contamination by ensuring appropriate land or resource use. Engineering controls include caps, barriers, or other device engineering to prevent access, exposure, or continued migration of contamination.

### **ECHOR04**

Enforcement and Compliance History Information

VERSION DATE: 02/08/17

The EPA's Enforcement and Compliance History Online (ECHO) database, provides compliance and enforcement information for facilities nationwide. This database includes facilities regulated as Clean Air Act stationary sources, Clean Water Act direct dischargers, Resource Conservation and Recovery Act hazardous waste handlers, Safe Drinking Water Act public water systems along with other data, such as Toxics Release Inventory releases.

### **ERNSAL**

Emergency Response Notification System

VERSION DATE: 04/17/17

This National Response Center database contains data on reported releases of oil, chemical, radiological, biological, and/or etiological discharges into the environment anywhere in the United States and its territories. The data comes from spill reports made to the U.S. Environmental Protection Agency, U.S. Coast Guard, the National Response Center and/or the U.S. Department of Transportation.

### **FRSAL**

Facility Registry System

VERSION DATE: 04/04/17

The United States Environmental Protection Agency's Office of Environmental Information (OEI) developed the Facility Registry System (FRS) as the centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. The Facility Registry System replaced the Facility Index System or FINDS database.

### **HMIRS04**

Hazardous Materials Incident Reporting System

VERSION DATE: 11/29/16

The HMIRS database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation located in EPA Region 4. This region includes the following states: Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee.

### **ICIS**

Integrated Compliance Information System (formerly DOCKETS)

VERSION DATE: 03/25/17



## ***Environmental Records Definitions - FEDERAL***

ICIS is a case activity tracking and management system for civil, judicial, and administrative federal Environmental Protection Agency enforcement cases. ICIS contains information on federal administrative and federal judicial cases under the following environmental statutes: the Clean Air Act, the Clean Water Act, the Resource Conservation and Recovery Act, the Emergency Planning and Community Right-to-Know Act - Section 313, the Toxic Substances Control Act, the Federal Insecticide, Fungicide, and Rodenticide Act, the Comprehensive Environmental Response, Compensation, and Liability Act, the Safe Drinking Water Act, and the Marine Protection, Research, and Sanctuaries Act.

### **ICISNPDES**

Integrated Compliance Information System National Pollutant Discharge Elimination System

VERSION DATE: 01/21/17

In 2006, the Integrated Compliance Information System (ICIS) - National Pollutant Discharge Elimination System (NPDES) became the NPDES national system of record for select states, tribes and territories. ICIS-NPDES is an information management system maintained by the United States Environmental Protection Agency's Office of Compliance to track permit compliance and enforcement status of facilities regulated by the NPDES under the Clean Water Act. ICIS-NPDES is designed to support the NPDES program at the state, regional, and national levels.

### **LUCIS**

Land Use Control Information System

VERSION DATE: 09/01/06

The LUCIS database is maintained by the U.S. Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

### **MLTS**

Material Licensing Tracking System

VERSION DATE: 02/12/16

MLTS is a list of approximately 8,100 sites which have or use radioactive materials subject to the United States Nuclear Regulatory Commission (NRC) licensing requirements.

### **NPDES04**

National Pollutant Discharge Elimination System

VERSION DATE: 04/01/07

Information in this database is extracted from the Water Permit Compliance System (PCS) database which is used by United States Environmental Protection Agency to track surface water permits issued under the Clean Water Act. The NPDES database was collected from December 2002 until April 2007. Refer to the PCS and/or ICIS-NPDES database as source of current data. This database includes permitted facilities located in EPA Region 4. This region includes the following states: Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee.

## ***Environmental Records Definitions - FEDERAL***

**PADS** PCB Activity Database System

VERSION DATE: 07/01/14

The PCB Activity Database System (PADS) is used by the United States Environmental Protection Agency to monitor the activities of polychlorinated biphenyls (PCB) handlers.

**PCSR04** Permit Compliance System

VERSION DATE: 08/01/12

The Permit Compliance System is used in tracking enforcement status and permit compliance of facilities controlled by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act and is maintained by the United States Environmental Protection Agency's Office of Compliance. PCS is designed to support the NPDES program at the state, regional, and national levels. This database includes permitted facilities located in EPA Region 4. This region includes the following states: Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee. PCS has been modernized, and no longer exists. National Pollutant Discharge Elimination System (ICIS-NPDES) data can now be found in Integrated Compliance Information System (ICIS).

**RCRASC** RCRA Sites with Controls

VERSION DATE: 02/23/16

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with institutional controls in place.

**SFLIENS** CERCLIS Liens

VERSION DATE: 06/08/12

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which United States Environmental Protection Agency has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties. This database contains those CERCLIS sites where the Lien on Property action is complete.

**SSTS** Section Seven Tracking System

VERSION DATE: 12/08/14

The United States Environmental Protection Agency tracks information on pesticide establishments through the Section Seven Tracking System (SSTS). SSTS records the registration of new establishments and records



## Environmental Records Definitions - FEDERAL

pesticide production at each establishment. The Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) requires that production of pesticides or devices be conducted in a registered pesticide-producing or device-producing establishment. ("Production" includes formulation, packaging, repackaging, and relabeling.)

**TRI** Toxics Release Inventory

VERSION DATE: 12/31/15

The Toxics Release Inventory, provided by the United States Environmental Protection Agency, includes data on toxic chemical releases and waste management activities from certain industries as well as federal and tribal facilities. This inventory contains information about the types and amounts of toxic chemicals that are released each year to the air, water, and land as well as information on the quantities of toxic chemicals sent to other facilities for further waste management.

**TSCA** Toxic Substance Control Act Inventory

VERSION DATE: 12/31/06

The Toxic Substances Control Act (TSCA) was enacted in 1976 to ensure that chemicals manufactured, imported, processed, or distributed in commerce, or used or disposed of in the United States do not pose any unreasonable risks to human health or the environment. TSCA section 8(b) provides the United States Environmental Protection Agency authority to "compile, keep current, and publish a list of each chemical substance that is manufactured or processed in the United States." This TSCA Chemical Substance Inventory contains non-confidential information on the production amount of toxic chemicals from each manufacturer and importer site.

**RCRAGR04** Resource Conservation & Recovery Act - Generator

VERSION DATE: 06/12/17

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities currently generating hazardous waste. EPA Region 4 includes the following states: Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee.

**RCRANGR04** Resource Conservation & Recovery Act - Non-Generator

VERSION DATE: 06/12/17

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities classified as non-



## Environmental Records Definitions - FEDERAL

generators. Non-Generators do not presently generate hazardous waste. EPA Region 4 includes the following states: Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee.

### ALTFUELS

Alternative Fueling Stations

VERSION DATE: 05/16/17

Nationwide list of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE).

### FEMAUST

FEMA Owned Storage Tanks

VERSION DATE: 12/01/16

This is a listing of FEMA owned underground and aboveground storage tank sites. For security reasons, address information is not released to the public according to the U.S. Department of Homeland Security.

### HISTPST

Historical Gas Stations

VERSION DATE: NR

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

### MRDS

Mineral Resource Data System

VERSION DATE: 03/15/16

MRDS (Mineral Resource Data System) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS.

### MSHA

Mine Safety and Health Administration Master Index File

VERSION DATE: 02/03/17

The Mine dataset lists all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970. It includes such information as the current status of each mine (Active, Abandoned, NonProducing, etc.), the current owner and operating company, commodity codes and physical attributes of the mine. Mine ID is the unique key for this data. This information is provided by the United States Department of Labor - Mine Safety and Health Administration (MSHA).

## ***Environmental Records Definitions - FEDERAL***

**BF** Brownfields Management System

VERSION DATE: 05/10/17

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. The United States Environmental Protection Agency maintains this database to track activities in the various brown field grant programs including grantee assessment, site cleanup and site redevelopment. This database included tribal brownfield sites.

**DNPL** Delisted National Priorities List

VERSION DATE: 05/30/17

This database includes sites from the United States Environmental Protection Agency's Final National Priorities List (NPL) where remedies have proven to be satisfactory or sites where the original analyses were inaccurate, and the site is no longer appropriate for inclusion on the NPL, and final publication in the Federal Register has occurred.

**NLRRCRAT** No Longer Regulated RCRA Non-CORRACTS TSD Facilities

VERSION DATE: 06/12/17

This database includes RCRA Non-Corrective Action TSD facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements. This listing includes facilities that formerly treated, stored or disposed of hazardous waste.

**ODI** Open Dump Inventory

VERSION DATE: 06/01/85

The open dump inventory was published by the United States Environmental Protection Agency. An "open dump" is defined as a facility or site where solid waste is disposed of which is not a sanitary landfill which meets the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944) and which is not a facility for disposal of hazardous waste. This inventory has not been updated since June 1985.

**RCRAT** Resource Conservation & Recovery Act - Non-CORRACTS Treatment, Storage & Disposal Facilities

VERSION DATE: 06/12/17

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities recognized as hazardous waste treatment, storage, and disposal sites (TSD).

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## ***Environmental Records Definitions - FEDERAL***

**SEMS** Superfund Enterprise Management System

VERSION DATE: 05/30/17

The U.S. Environmental Protection Agency's (EPA) Office of Solid Waste and Emergency Response, Office of Superfund Remediation and Technology Innovation (OSRTI), has implemented The Superfund Enterprise Management System (SEMS), formerly known as CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System) to track and report on clean-up and enforcement activities taking place at Superfund sites. SEMS represents a joint development and ongoing collaboration between Superfund's Remedial, Removal, Federal Facilities, Enforcement and Emergency Response programs.

**SEMSARCH** Superfund Enterprise Management System Archived Site Inventory

VERSION DATE: 05/30/17

The Superfund Enterprise Management System Archive listing (SEMS-ARCHIVE) has replaced the CERCLIS NFRAP reporting system in 2015. This listing reflect sites that have been assessed and no further remediation is planned and is of no further interest under the Superfund program.

**SMCRA** Surface Mining Control and Reclamation Act Sites

VERSION DATE: 02/22/17

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

**USUMTRCA** Uranium Mill Tailings Radiation Control Act Sites

VERSION DATE: 03/04/17

The Legacy Management Office of the Department of Energy (DOE) manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The L.M. Office manages this database of sites registered under the Uranium Mill Tailings Control Act (UMTRCA).

**DOD** Department of Defense Sites

VERSION DATE: 06/21/10

This information originates from the National Atlas of the United States Federal Lands data, which includes lands owned or administered by the Federal government. Army DOD, Army Corps of Engineers DOD, Air Force DOD, Navy DOD and Marine DOD areas of 640 acres or more are included.



## Environmental Records Definitions - FEDERAL

### FUDS

Formerly Used Defense Sites

VERSION DATE: 06/01/15

The Formerly Used Defense Sites (FUDS) inventory includes properties previously owned by or leased to the United States and under Secretary of Defense Jurisdiction, as well as Munitions Response Areas (MRAs). The remediation of these properties is the responsibility of the Department of Defense. This data is provided by the U.S. Army Corps of Engineers (USACE), the boundaries/polygon data are based on preliminary findings and not all properties currently have polygon data available. **DISCLAIMER:** This data represents the results of data collection/processing for a specific USACE activity and is in no way to be considered comprehensive or to be used in any legal or official capacity as presented on this site. While the USACE has made a reasonable effort to insure the accuracy of the maps and associated data, it should be explicitly noted that USACE makes no warranty, representation or guaranty, either expressed or implied, as to the content, sequence, accuracy, timeliness or completeness of any of the data provided herein. For additional information on Formerly Used Defense Sites please contact the USACE Public Affairs Office at (202) 528-4285.

### FUSRAP

Formerly Utilized Sites Remedial Action Program

VERSION DATE: 03/04/17

The U.S. DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

### NLRRCRAC

No Longer Regulated RCRA Corrective Action Facilities

VERSION DATE: 06/12/17

This database includes RCRA Corrective Action facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements.

### NMS

Former Military Nike Missile Sites

VERSION DATE: 12/01/84

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to

## ***Environmental Records Definitions - FEDERAL***

personnel who were assigned to Nike sites.

During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

**NPL** National Priorities List

VERSION DATE: 05/30/17

This database includes United States Environmental Protection Agency (EPA) National Priorities List sites that fall under the EPA's Superfund program, established to fund the cleanup of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action.

**PNPL** Proposed National Priorities List

VERSION DATE: 05/30/17

This database contains sites proposed to be included on the National Priorities List (NPL) in the Federal Register. The United States Environmental Protection Agency investigates these sites to determine if they may present long-term threats to public health or the environment.

**RCRAC** Resource Conservation & Recovery Act - Corrective Action Facilities

VERSION DATE: 06/12/17

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities with corrective action activity.

**RCRASUBC** Resource Conservation & Recovery Act - Subject to Corrective Action Facilities

VERSION DATE: 06/12/17

The Resource Conservation and Recovery Act (RCRA) gives EPA the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances. This listing refers to facilities subject to corrective actions.

**RODS** Record of Decision System

VERSION DATE: 01/23/12

## ***Environmental Records Definitions - FEDERAL***

These decision documents maintained by the United States Environmental Protection Agency describe the chosen remedy for NPL (Superfund) site remediation. They also include site history, site description, site characteristics, community participation, enforcement activities, past and present activities, contaminated media, the contaminants present, and scope and role of response action.



## ***Environmental Records Definitions - STATE (AL)***

**ICEC** Institutional / Engineering Controls Registry

VERSION DATE: 05/12/17

This Registry of Environmental Covenants is provided by the Alabama Department of Environmental Management (ADEM). According to the ADEM, an Environmental Covenant is required when an approved Remediation Plan, Cleanup Plan, or Corrective Measures Implementation Plan allows a risk-based cleanup that will not result in remediation of the property or portions of the property to unrestricted use. The purpose of an Environmental Covenant is to ensure that risks to human health and/or the environment are properly managed by imposing activity and use restrictions on the applicable portions of the property and making these restrictions a legal obligation until such time that the environmental covenant is removed.

**RAST** Registered Aboveground Storage Tanks

VERSION DATE: 01/27/17

This Aboveground Storage Tank database is maintained by the Groundwater Branch of the Alabama Department of Environmental Management.

**RUST** Registered Underground Storage Tanks

VERSION DATE: 01/27/17

The Underground Storage Tank compliance database is maintained by the Groundwater Branch of the Alabama Department of Environmental Management.

**DERTF** Drycleaning Environmental Response Trust Fund Sites

VERSION DATE: 02/09/17

This list of Drycleaning Environmental Response Trust Fund Act sites is provided by the Alabama Department of Environmental Management's Remediation and Cleanup program. Through this Act, Fund monies are available to eligible drycleaning sites that may have improperly disposed of chemicals for remediation purposes.

**LFSWDS** Landfill and Solid Waste Disposal Sites

VERSION DATE: 10/23/15

This list of permitted landfill locations is provided by the Alabama Department of Environmental Management.

**LUST** Leaking Underground Storage Tanks

VERSION DATE: 06/02/17

The Underground Release Incident List is maintained by the UST Corrective Action Section of the Alabama Department of Environmental Management.

## ***Environmental Records Definitions - STATE (AL)***

### **VCPBF**

Brownfield and Voluntary Cleanup Sites

VERSION DATE: 04/28/17

The Alabama Department of Environmental Management's (ADEM) Land Division provides this Inventory of Cleanup Properties. This Inventory includes Brownfield and Voluntary Cleanup sites. According to the ADEM, the Brownfields Redevelopment and Voluntary Cleanup Program provides oversight for the voluntary assessment and cleanup of contaminated brownfields sites. A fee-driven program, its greatest benefits are the significant liability protections afforded during and after assessment and cleanup activities.

### **HSCF**

Hazardous Substances Cleanup Fund Sites

VERSION DATE: 12/06/16

The Alabama Department of Environmental Management's (ADEM) Remediation and Cleanup program maintains this list of Hazardous Substances Cleanup Fund Act (AHSCF) sites. According to the ADEM, this Act provides resources for assessment and/or removal actions at sites where hazardous substances have been spilled, discarded or disposed of. The ADEM staff assesses sites to determine eligibility and if there is a prominent risk to public health or the environment, AHSCF funds may be used to conduct remedial actions.

## ***Environmental Records Definitions - TRIBAL***

**USTR04**                      Underground Storage Tanks On Tribal Lands

VERSION DATE: 10/14/16

Underground storage tanks on Tribal lands located in Region 4 include the following states: Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee.

**LUSTR04**                      Leaking Underground Storage Tanks On Tribal Lands

VERSION DATE: 11/14/16

Leaking underground storage tanks on Tribal lands located in Region 4 include the following states: Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee.

**ODINDIAN**                      Open Dump Inventory on Tribal Lands

VERSION DATE: 11/08/06

This Indian Health Service database contains information about facilities and sites on tribal lands where solid waste is disposed of, which are not sanitary landfills or hazardous waste disposal facilities, and which meet the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944).

**INDIANRES**                      Indian Reservations

VERSION DATE: 01/01/00

The Department of Interior and Bureau of Indian Affairs maintains this database that includes American Indian Reservations, off-reservation trust lands, public domain allotments, Alaska Native Regional Corporations and Recognized State Reservations.



# Jefferson County Environmental Management Agency Release Records

## 1901 20th Street SW, Birmingham, AL 35211 (Powderly Elementary School)

Run #	Date	Incident	Amount	Address	Zip
1988-010	03/15/88	Hazmat Drums	2 - 55 gallon drums	2345 18th Place SW	35211
1988-022	05/30/88	Diazinon	75 gallons	BMC Princeton ER Parking Lot	35211
1988-046	08/03/88	Gasoline	15 gallons	Montevallo Rd Distribution Dr	35211
1988-061	09/12/88	Gasoline	75 gallons	1700 Blk Jefferson Av SW	35211
1988-075	10/06/88	Gear Oil SAE 85W-140	20 gallons	Montevallo Road, Barber Court	35211
1988-099	12/08/88	Gasoline	Unknown	1562 Tuscaloosa Av	35211
1988-104	12/19/88	Hydrolic Fluid	15 gallons	17th Way Mimms Av SW	35211
1989-033	03/31/89	Gasoline	7600 gallons	Spalding Ishkooda Rd Montevallo Rd	35211
1989-042	04/12/89	Diesel Fuel	300 Barrels	2400 Nabors Rd	35211
1989-044	04/19/89	Oil	5 gallons	11th St SW McMillion Av	35211
1989-063	06/01/89	Oil	2 gallons	Montevallo Road I-20	35211
1989-077	06/29/89	Gasoline Petroleum Distill	2 - 5 gallons	Princeton Av 7th/8th St SW	35211
1989-154	11/29/89	Gasoline	150 gallons	Spalding Ishkooda Rd	35211
1989-164	12/14/89	Gasoline	Unknown	1500 Mims St	35211
1990-045	02/01/90	Oil	Unknown	Jefferson Av 17th St W SW	35211
1990-068	04/09/90	Epoxy Resin	Unknown	940 Franklin Av	35211
1990-076	05/10/90	Oil	N/A	1700 Blk Ishkooda Spaulding Rd	35211
1990-087	05/26/90	Ethanol / Diesel	Unknown	2551 Balsam Rd West End	35211
1991-035	01/29/91	Unknown	Unknown	MLK / Bolin St 6th Av S	35211
1991-051	03/22/91	Hazardous Waste	Unknown	2608 5th Av S	35211
1991-057	04/04/91	Diesel Fuel	75 gallons	Spalding-Iskooda Rd Montevallo Rd	35211
1991-083	07/03/91	Natural Gas Leak	Unknown	Bay Av 1542 Av Ensley	35211
1991-107	09/06/91	Diesel Fuel	25 - 30 gallons	1600 Mimms Av	35211
1991-108	09/06/91	Diesel Fuel	70 - 90 gallons	14th St Mims Av	35211
1992-020	12/23/91	Diesel Fuel	50 gallons	Dennison Av Martin Luther King	35211
1992-035	03/09/92	Oil	2 quarts	Dennison Av Martin Luther King	35211
1992-039	03/23/92	Oil	1- gallon	2200 3rd Av S	35211
1992-101	07/14/92	Acid	1 gallon	513 14th St SW	35211
1992-120	08/24/92	Sewage Release	Unknown	Robert Industrial Blvd. Rall Rd	35211
1993-013	11/17/92	Diesel Fuel	60 - 80 gallons	380 Industrial Ln	35211
1993-050	03/06/93	Bio-Hazard	N/A	Shannon Rd	35211
1995-002	10/10/94	Diesel Fuel	100+ gallons	Ishkooda Neighbors Dr	35211
1995-026	12/05/94	Gasoline / Diesel Fuel	Unknown	31st St Lawn Av	35211
1995-032	12/20/94	Diesel Fuel	Unknown	Princeton Av	35211
1995-055	03/14/95	Gasoline	100 gallons	Balsum Av	35211
1995-077	05/05/95	Hydraulic Fluid	50 gallons	18th St Madison Av	35211
1995-082	05/30/95	Ammonia	Unknown	380 Industrial Ln	35211
1996-004	10/27/95	Diesel Fuel	Unknown	100 6th Av SW	35211
1996-029	03/12/96	Fuel Oil	Unknown	1220 Alabama Av	35211
1996-051	08/20/96	Diesel Fuel	50 gallons	141 Industrial Dr	35211
1998-082	09/17/98	Diesel Fuel	200 gallons	500 Tuscaloosa Av	35211
1999-021	03/01/99	Diesel Fuel	60 gallons	124 West Park Dr	35211
1999-022	03/11/99	Diesel Fuel	150 gallons	Industrial Dr West Park Dr	35211
2001-069	06/06/01	Gasoline	25 - 30 gallons	2616 28th St SW	35211
2001-074	06/24/01	Gasoline	200 gallons	2817 Balsam Av	35211
2002-082	01/28/02	Gasoline	20 gallons	2400 28th St SW	35211
2002-102	03/24/02	Gasoline	300+ gallons	2529 28th St SW	35211
2002-108	04/03/02	Hydraulic Fluid	30 gallons	2900 Lakeshore Parkway	35211

**1901 20th Street SW, Birmingham, AL 35211 (Powderly Elementary School)**

<b>Run #</b>	<b>Date</b>	<b>Incident</b>	<b>Amount</b>	<b>Address</b>	<b>Zip</b>
2002-120	05/09/02	Anhydrous Ammonia	600 lbs	380 Industrial Lane	35211
2002-124	05/23/02	Engine Oil	< 2 gallons	1533 Jefferson Av	35211
2002-135	06/27/02	Diesel Fuel	90 gallons	750 Lakeshore Parkway	35211
2002-168	09/16/02	Unknown	N/A	2700 Milan Court	35211
2003-043	02/28/03	Diesel Fuel	50 gallons	1716 3rd Av W	35211
2003-053	03/28/03	Unknown Substance	N/A	732 Lomb Av	35211
2003-057	04/14/03	Gasoline	5 - 7 gallons	1737 Jefferson Street	35211
2003-064	05/03/03	Gasoline	5 gallons	201 6th Av S	35211
2003-077	05/15/03	Diesel Fuel & Motor Oil	30 - 50 gallons	I-64 N @ Exit 258	35211
2003-086	06/04/03	Merciatric Acid	5 gallons	512 6th St SW	35211
2003-105	07/24/03	Gasoline Fire	8000 lbs	1300 Blk Dennison Av	35211
2004-037	02/21/04	Gasoline	2000-3000 gallons	Ishkooda / Martin Luther King	35211
2004-043	03/05/04	Diesel Fuel	0	400 Industrial Dr	35211
2005-078	06/02/05	Ferrious Materials	Unknown	1303 Tuscaloosa Av	35211
2005-086	07/04/05	Anti-Freeze	10 gallons	MLK & Dennison Av	35211
2005-103	08/10/05	Diesel Fuel	25 gallons	Ishkooda Road	35211
2006-001	10/06/05	Diesel Fuel	7 - 8 gallons	1600 Mims Av	35211
2006-003	10/10/05	Diesel Fuel	30 gallons	Wilson Rd & 33rd St SW	35211
2006-019	12/02/05	Gasoline	20 gallons	345 6th Av SW	35211
2006-062	04/20/06	Petroleum Product	15 gallons	2400 Nabors Rd	35211
2008-030	04/11/08	Diesel Fuel	5 gallons	Montevallo & Industrial	35211
2009-021	02/02/09	Unknow Substance	N/A	112 West Park Dr	35211
2009-059	07/10/09	Diesel Fuel	50 gallons	400 Industrial Dr	35211
2010-017	12/26/09	Ethanol	200 gallons	2616 28th St SW	35211
2010-079	09/09/10	Gasoline Spill	9 gallons	2400 Peason Av	35211
2011-023	02/25/11	Sewage	50 gallons	400 Bk MLK Dr	35211
2011-038	04/26/11	Diesel Fuel	50 gallons	Lakeshore Dr @ Industrial Pkwy	35211
2011-064	08/12/11	Diesel Fuel	35 gallons	19th Pl @ Jefferson Av SW	35211
2012-007	11/20/11	Condensation (Alcohol)	NA	Cammack Rd @ Shannon Rd	35211
2013-013	11/15/12	Company Drill - No Spill	NA	1600 Mims Av SW	35211
2013-026	01/23/13	Motor Oil	11 gallons	1900 Jefferson Av SW	35211
2013-051	05/15/13	Gasoline	100 gallons	2800 Balsam Av	35211
2015-065	07/15/15	Gasoline	10 gallons	345 6th Av SW	35211
2016-004	10/20/15	Motor Oil & Diesel Fuel	Unknown	Dennsion Av @ Hall St	35211
2016-011	11/14/15	Gasoline	1000 gallons	2300 Nabors Rd	35211
2016-012	11/15/15	Follow up on Run #2016-11	1000 gallons	2300 Nabors Rd	35211
2016-037	03/03/16	Train/Car Accident	Unknown	RR MM #148	35211
2016-043	03/14/16	Hydraulic Fluid	40 gallons	Lakeshore Dr @ Frankford Circle	35211
2017-022	01/29/17	Anhydrous Ammonia Release	15000 lbs	400 Industrial Dr	35211
2017-031	03/21/17	SW Motor Oil	75 gallons	Spaulding Ishkooda & Montevallo Rd SW	35211
2017-032	03/21/17	JP8 Jet Fuel	2500 gallons	2400 Nabors Rd SW	35211
2017-047	05/26/17	Anhydrous Ammonia Release	Unknown	2511 28th St SW	35211

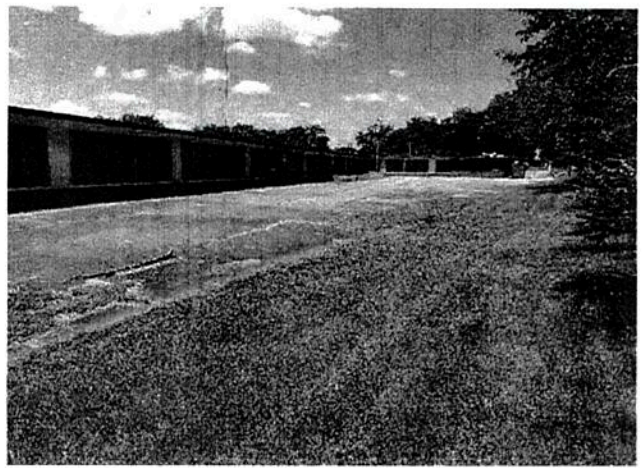
## **APPENDIX E**

### **SITE PHOTOGRAPHS**





(Facing east) Northern edge of property with dense vegetation



(Facing southwest) view of northern side of school building



(Facing east) trash/debris on eastern edge of property



(Facing southeast) View of playground structures on southwest portion of property

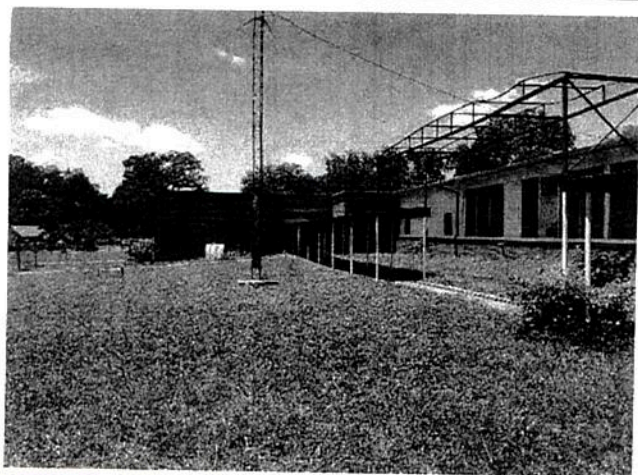


(Facing north) Culvert on western edge of property along 20<sup>th</sup> Street SW



(Facing south) Pipes in ground (possibly gas lines) south of school building

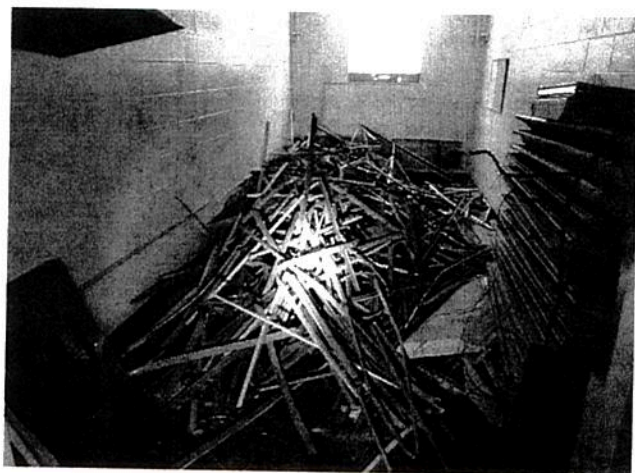




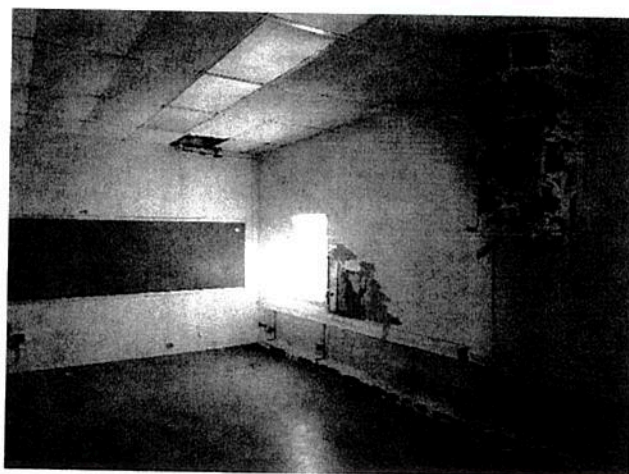
(Facing west) Antenna with guy wires  
south of school building



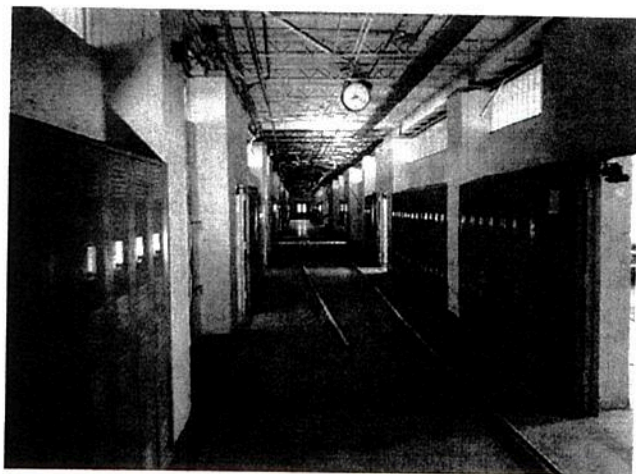
(Facing south) Stream on south portion of  
property



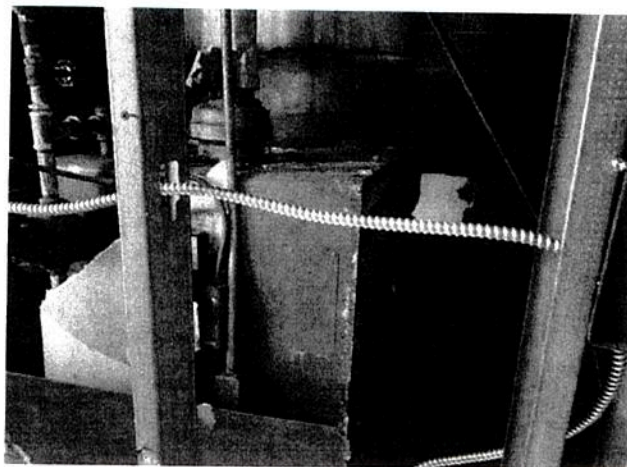
Room containing metal frames for ceiling  
tiles on east side of the school building



Downed empty tank on southwest side  
of property



(Facing east) Main hallway in school  
building



Boiler room on east side of school  
building

## **APPENDIX F CREDENTIALS**



RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

STATE OF FLORIDA  
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION  
BOARD OF PROFESSIONAL GEOLOGISTS

LICENSE NUMBER	
PG1211	

The PROFESSIONAL GEOLOGIST  
Named below IS LICENSED  
Under the provisions of Chapter 492 FS.  
Expiration date: JUL 31, 2018



BARNES, PATRICK A  
1230 HILLCREST DRIVE  
ORLANDO FL 32803



ISSUED: 06/02/2016

DISPLAY AS REQUIRED BY LAW

SEQ # L1606020001607

